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No. 58/10

## HINTS ON REPAIRING BOOKS

How an Amateur Can Easily Keep His Volumes, Old and New, in the Best of Condition

(R. H. W. in T. P.'s Weekly)

Having taken up book-binding as a hobby, and remembering my former more or less futile attempts at "mending up" books, I feel that there may be many booklovers who would be glad of a few hints as to the right way to set to work when a book and its cover show signs of parting company, or the "plates" come out. I am only going to speak here of such simple repairs as can be done at home without any elaborate apparatus. As for going in thoroughly for book-binding, as I have done, that is another story; I can confidently recommend it as a hobby, and shall be glad to give further information if desired.

To take the simplest matter first: everyone knows how the plates (illustrations on special paper, not included in the text) have a tiresome habit of coming loose, especially those on highly-glazed paper, as the glazed surface comes away on to the sheet to which it is pasted. These plates ought always to be "guarded," as it is termed, i. e., properly included in the sewing of the book, but this is seldom done now except in expensive books, the pasting-on method being quicker.

As prevention is better than cure, I will first describe how a new book should be treated in order to prevent the plates from coming out. Bend back the plate carefully up to the point where it is pasted on, look to see that the crease is straight, then crease it gently with the thumb-nail. The effect of this will be that in turning the leaves of the book the plate will fall back naturally instead of dragging the leaf with it, which so often causes it to come loose. To refasten plates which have come loose, take three or four at a time, lay them face downwards on a piece of waste paper, with the edges to be pasted away from you. Let the bottom one project nearly one-quarter of an inch beyond the next, and so on, so that each has a strip of that width exposed.

Lay a straight piece of waste paper on the top of the last one; now by pasting all over you will have a pasted strip at the back of each. Insert them in their proper places in the book, being careful that they go right to the back; then shut up the book. When dry they should be "broken back" as described over.

We will now take the case of a book which is wholly or partially out of its cover. (This will apply to ordinary cloth-covered books, not to leather bindings, which demand more expert treatment.) This often happens when the book itself is sound, and does not require re-sewing; a description of the sewing process must be reserved for a future paper, or a book on binding may be consulted. The book must first be entirely removed from the cover, by sliding up the flimsy canvas stuff which will probably be showing at the joint, but being careful not to cut the tapes (if any) on which the book is sewn; these must be simply lifted away from the board. Now all the lining of canvas and paper may be removed from the back. This will often peel off quite easily. If it gives trouble the book should be put in the press, the back well ramped with water or thin paste, and the lining scraped off with a paper knife. Next tear off the old "end papers"—the single sheets, sometimes colored, which originally formed one piece with the sheet pasted down on the board. Take two folded sheets of white or colored paper the size of the book or slightly larger (they can be trimmed down afterwards), paste them at the back as described for pasting plates, and attach them to the book,

rubbing down with a toothbrush handle. Sheets of note paper make very good end papers for small books.

Now take a piece of strong calico, or holland, such as curtains are made of, large enough to cover the back and project about an inch on each side; glue the back of the book and attach the calico, rubbing down with the toothbrush handle. Take a piece of brown or other stout paper, cut it to the width of the back, glue the back again over the calico, put on the paper and rub down as before. When dry, trim off the calico and paper at the head and tail of the book, and this part of the work is finished.

Now the cover must be seen to. First remove all the canvas remaining on the boards, also the paper lining from the back, unless this is quite good. Take a strip of paper, glue the back of the cover and attach the paper, passing it under the turnover of the cloth at head and tail. If the cloth is torn at the back, a piece of calico may be put on instead of this paper, extending over the boards for one-half inch or so; rub it well down at the edges of the boards. Before doing this, however, the book must be put in the case to try if there is room to allow for this lining without making the case too tight. If the calico, Whatman's banknote paper may be used, this being very thin and strong, and exceedingly useful for mending.

If the outer corners of the boards are bent or bruised, put a little paste on them and hammer them carefully into shape on a stone or flatiron; when dry they will be quite hard and stiff.

Now put the book into the cover, and don't forget to see it is the right way up! (I once saw a leather-bound book with gilt tooling and title, "finished" up down.) See that it is straight, with the cover projecting equally all round; lay it down on the table, the turn back the upper board. Paste all over the end-paper, first putting a waste piece underneath, to protect the book; lay the tapes and calico joint on the pasted paper and rub down; paste again over the calico. Now see that the book has not shifted from its proper position, then carefully bring over the top board on to the pasted paper, and press it down slightly. Lift it again with the paper attached; lay it on the edge of the table so that the board rests firmly on the table, and press well down (not rub) with the palm of the hand.

If you are content to wait, the book may be left at this stage until dry; it must not be closed while damp without a pressing tin being inserted, or the first sheets of the book will be cockled. The other end-paper is then treated in the same way; when both are dry (or nearly so) the book should, if possible, be pressed, or put under a heavy weight. But pressing tins inside the boards, and wooden boards outside, leaving the back exposed, and screw up the press.

Materials—The only special apparatus required is a press of some sort; even this may be dispensed with. The real thing is a bookbinder's "laying press"; a carpenter's vise would answer, or the book may be screwed up between the leaves of a dining table.

Glue—A glue pot is not an expensive item; as a substitute, however, a jam pot and a saucepan may be used. Break the glue into small pieces and soak it in water overnight; it will then melt when the water boils. Add gradually the glue if necessary. It should be fairly thin.

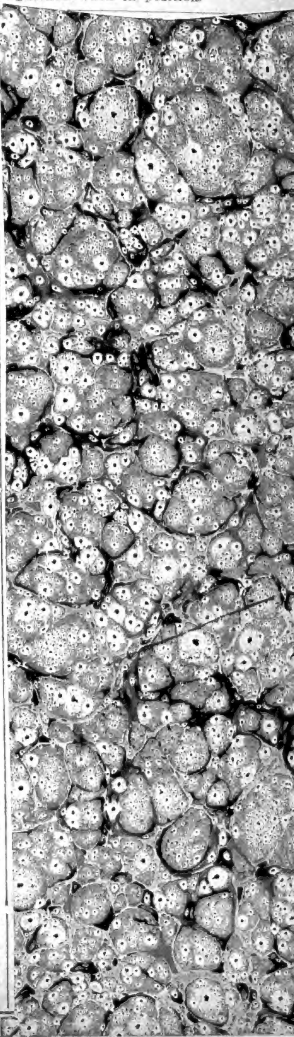
Paste may be bought. "Stickphast" is best, or may be made as follows: Mix 3 ounces flour to a smooth paste, with a little cold water; add a pint, a tablespoonful of powdered alum, and one teaspoonful of clove essence. Boil ten minutes, constantly stirring, then pour into a stone jar. This will keep for a considerable time.

Pressing Tins are plates which may be cut out of the sides of a biscuit box about 10 in. by 7 in. will be a useful size for ordinary books.

Those who go in for sewing will require a press, for illustrations of which, as well as description of the sewing process, I must refer them to the books mentioned below.

The heavy cumbersome presses used in the trade cost about 7s.; a substitute may be made for a few pence as follows:

Instead of a screw upright use two plain uprights with a fixed crossbar of flat wood at the top. Procure at an ironmonger's three wire fence strainers, fitted with thumb screws. Make a slit in the top bar for these to work in. The cords for sewing can then be fastened to the books and tightened when in position.



mm



Little pond Brookline Mass & 17 May 96  
Mt Washington Road White Pine 30 Aug  
Walpole Rhododendron July 20 1899<sup>1897</sup>.

Georg Kennedy  
Readville Mass  
Feb 1896



1896

Feb. 20<sup>th</sup> 9 AM went up Blue Hill to find *Buxarmina* for Mrs Britton, but a few inches of hard snow covered the ground up there. Saw a few old capsules, but took no plants. Got *Racomitrium aculeum* Brid in the Edith Cascade Brook, dry bed. The dry plants have leaves very much appressed, the plants in wet places have the leaves quite rosulate looking. On the rocks of the Ravine gathered *Epiphegus virginiana* Bart, and on path the buck of *Castanea vesca* fruit growing on a young shoot not over 10 ft high, that had sprung up from the roots of a burnt tree, the latter abt 8 inches in diameter at base. In over kind brook took good *Grimmia conferta* Tencke.

22<sup>nd</sup> March. Cloudy morning, fine afternoon. walked the Reservation Road to Hillside St + round Blue Hill home at 12.30.

Much snow on side of Hill, quite bare on South slopes of Hill. Went to top of Hancock in route. Found very fine sprouts + buds of *Fagus ferruginea* + on one vine much fruit of *W. arctostaphylos*.

Sunday

<sup>2</sup> 1896

April 5. Sunday - Mr C. E. Taxon & E. F. Williams  
out on 8:30 train & we reached in  
Mr Henneweys Land. down to the  
River Landing by the road we have  
christened "Black ash Road" -  
Got buds of *Pyrus arbutifolia*,  
*Salix petiolaris* & *cordata*  
seen by the Landing: up the road  
parallel to the river through the  
Pine Grove where the old Swedish  
Dr. used to live in 1870 when  
Mr Taxon used to travel there  
often. On this road he found  
*Nabevaria blaphaniglotis* -  
Got fruit of *Typha* ? *latifolia* -  
By the farm barn a largish  
tree of *Fraxinus pubescens*, bark  
much less deeply furrowed  
than *Americana* & branches more  
twiggy. Then by Henneway meadow  
road to Green Lodge Road, saw a  
fine flock of Fox Sparrows. Got  
several mosses in the little brook.  
*Scapania* ? - also fine  
winter buds of *Viburnum cassinoides*.  
Home at 1.45 to dinner



1896

April 26

E & F Williams & Mr Rich came out 9 am. Fine cool day. wind E. we walked thro Wildcat Notch to Houghtons, where Hal drove over for me & the others walked over to Sinclair's bridge. Got young leaves of *Acer dasycarpum* for me opp our Avenue. also pistillate fls of *Myrica asplenifolia*, & *Juncus Virginiana* & *Populus tremuloides* - Saw also *Viola sagittata* & *pedata* in flower & gathered *Taraxacum erythrospermum* on rocky side of Bluehill on Hillside St. In Wild Cat Notch where *Fumaria hygrometrica* is very abundant, saw a moss which was a *Fumaria* but looked very different from the rest of the *hygrometrica*: capsules still very green & fresh, so have set it out under glass, hoping it will mature, I suspect *F. microstoma* B.S.

April 30

To Lebanon 11.30 am with Hattie & M.K. arr. 4 PM. *Populus tremuloides*, also *Salix cordata* close by the house & the double ovary willow which now does not look like *cordata*. at sunset Millie & I to the Pines overlooking the pasture glen. A mulanberry just swelling the buds. Prunus by the dining room same.

May 1.

Flowers at Libanon N H

*Viola palmata* L var *venusta* Gray

*Hostonia caerulea* L

*Myrica asplenifolia* Eudl

*Waldsternia fragarioides* Tratt

*Fragaria Virginiana* Mill

*Hepatica triloba* Chaix

~~*Euphorbia*~~  
*Swartzia plantaginifolia* Hook

*Alnus incana* Mill

*Corylus*

(*pendula* Mill)

*Viola blanda* Willd

*Dirca palustris* L

*Alnus nemorosa* L

*Lonicera caerulea* Muhl

*Epigaea repens* L

*Luzula venalis* DC

*Erythronium Americanum* Ker

*Oryzopsis Canadensis* Torr

*Asarum Canadense* L

*Carex pedunculata* Muhl

*Trillium erectum* L

*Carex Pennsylvanica* Lam

The *Carex Pennsylvanica* not as much  
advanced as *Carex pedunculata*.

Milli & I walked in pasture plant River Road  
Saw also the double flowered willows & took  
full notes of situation & appearance

May 2.

In the cow pasture

*Equisetum scirpoides* new to me there.

May 3.

With E. G. W. H. H. over Rich to Brinkley  
gap & back by North Dam, &  
end of Spot Pond, Virginia Wood  
& to Cascade at Malvern & home  
from Hill Station on Bow RR.

*Carex umbellata*

" *communis*

*Eudora Benjamin* A & G

*Ranunculus fascicularis* which I  
saw at rather in 3 years:  
now found it on the south side  
of Bow RR.

*Hepatica triloba* in plenty on  
North Lake & Bear Hill.

*Asplenium platyneuron* slender  
near the Bear Hill road.

*Asplenium platyneuron* (lost) near  
plants on rocky side of a  
road in place near Virginia Wood.

A new smooth bark'd Elm in  
some trunk on roadside between  
Bear Hill & upper end of Spot  
Pond.

A new maple in  
some place in a rocky water.

at the Broken Cascade a fine  
Paper Birch, 200' tall a fine  
Larix laricina, 100' tall on the rising  
side.

7 May

With 2 Hedges to pick up  
this time to look for *Sparganium*  
*maritima*, but the forest  
was made a very high and  
steep, the sky was cloudy -  
we did not get to the top  
side.

A large stream in the center of the  
camp. Salix, Betula, and other  
smaller trees were the main  
features.

Also *Saxifraga*, *Androsace*, and  
many other small plants were  
seen.

8 May

2 Hedges & 2 Taxon here by 8:45  
we drove in the new way, and  
down the meadow road. The wet  
piece of meadow mowing had plenty  
of *Salix myrsinoides* L. in it, both  
♂ & ♀ and in road to Green Lodge  
found *Viola pubescens*; came  
home by Pecuni St. looking to the  
Black-throated Green Warblers in the  
Pines. They stay to lunch here in  
the Pines.



In this meadow also found

<i>Hyssopus cordifolius</i>	Turn	large
"	<i>cuspidatus</i>	small
"	<i>repens</i>	small

11 May

On the bank to the right of the  
road to the left - side of the road + the  
cross st. to the left.

It first takes in woods north  
side of road on west of the a flower-  
capped mass with yellow fruit  
and leaves pressed: 3 or 4 thick  
green very close together, bright  
green kept on the root, what I  
thought was a small  
piece of the fleshy root. Made  
it gather again next month.  
probably it is *Hyssopus repens* etc.

12 May

On the north side of the road on the  
yellow green, but is on the ground  
to the left. The leaves are  
and much smaller than the ones  
seen on the other side of the road.

81876

10 May

on 10 May 1904 by the U.S. Fish Commission  
about 2 miles from  
Cape Cod, Mass. The fish  
caught was a  
small one, about 10 inches long.  
It was found to be a  
new species of the  
genus *Stenobrama*.  
The name *Stenobrama* is  
given to it.

at the time

Mr. D. M. Smith, of the U.S. Fish Commission,  
has just sent me a  
copy of the paper in which  
the new species is described.  
The paper is in the  
U.S. Fish Commission  
Bulletin, No. 10, page 10.  
The new species is  
described as follows:  
Length, 10 inches.  
Color, brown above,  
white below, with  
a dark spot on the  
side of the head.  
This fish is  
found in the  
Atlantic Ocean,  
off Cape Cod, Mass.  
It is a new species  
of the genus *Stenobrama*.  
The name *Stenobrama* is  
given to it.



10  
Ganga Himalayas

10000 ft. alt.

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*[Faint, illegible handwriting]*

[illegible]

1894-1895. 1896. 1897. 1898. 1899. 1900. 1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950. 1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 2544. 2545. 2546. 2547. 2548. 2549. 2550. 2551. 2552. 2553. 2554. 2555. 2556. 2557. 2558. 2559. 2560. 2561. 2562. 2563. 2564. 2565. 2566. 2567. 2568. 2569. 2570. 2571. 2572. 2573. 2574. 2575.

12 1896

28 May.

at Beaver Brook Reservation from  
10.30 to 3.30 with Walter Greene.  
Supt. Mr. Elder, a Scotchman  
interested in two Scotch Pars. Grass.  
He noted 60 plants and others  
not yet listed in the list. There  
copy of which H. Z. got the list  
not distributed. Some of the  
noteworthy ones to me were  
*Lychnis viscaria*.  
*Carex laxiculmis*.  
*Cerastium longistylis* same as  
I used to get here in 1895.  
*Ranunculus striatus*.  
*Portulaca oleracea*.  
Locally fr. as it grows  
under some grasses. Some  
here in N. end of Reserve.  
*Arum maculatum*.  
*Urtica dioica*.  
For some specimens of the Pars.  
Carex stricta. Some  
I also noted some of the  
Plants looking like some

30 May.

Ed Hodges here & we drove thro B&R  
to Hillside St, & by road road to Engle-  
gate, by side road to Crossman Pines -  
never there before & thence by road road  
fell: the bounds of Reservation back to  
Reservation Road behind Mr Holcott's  
house. In the brook under the  
Cliff at Crossman's Pines got 2 *Potti-*  
*nalis*, perhaps *roae anglicae*, & mix-  
ture in a *Hybnum*, perhaps *barium*,  
another *Hybnum* from there may  
be *orthocladon*.

31 May

Sunday am drove with Lucian &  
Wendell Green Lodge Road back  
same way. Got 2000 ft N & E of  
Carya amara from trees on  
Green Lodge Road on the Deham  
side of the River, also in  
up the road back in same loc.  
Sambucus racemosa in pine  
forest.

The *Trachymela* above had a fine example of  
proceeding Minimus in a larva in case  
of low - garden which will be a  
very fine specimen of the  
same.

176

9 June

[illegible]

1896

Willingboro N.J.

15

7 June

Came here yesterday with A. D. Hedges  
 & fine rain all day. At West  
 Burke, two Taxon met us, having  
 come from Pennsylvania & we came by  
 train here.

Today rain all day. We walked  
 up the Lake shore road when the  
 rain let up in the morning, but  
 we came home at 12.30 in a heavy  
 rain & it has kept on all pm.

Rather - woods - have knussed  
 them. I also cleared & packed  
 into the box on 27 boxes which  
 have put on cases & filed in  
 my case catalogue, which I  
 begin today, with a number  
 of the 10 boxes. The 10 boxes  
 have been boxed by the  
 house in many but with the  
 10 boxes. List of plants in my  
 book. The 10 boxes.

10 June

Fine clear day with strong North wind.  
 The sky is like clouds.  
 - in the morning and breakfasting. got 12.  
 at 4.30 - I took a lot of what  
 I want. Took 5 plants, collected  
 at a very low price - about 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43 - 44 - 45 - 46 - 47 - 48 - 49 - 50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 - 59 - 60 - 61 - 62 - 63 - 64 - 65 - 66 - 67 - 68 - 69 - 70 - 71 - 72 - 73 - 74 - 75 - 76 - 77 - 78 - 79 - 80 - 81 - 82 - 83 - 84 - 85 - 86 - 87 - 88 - 89 - 90 - 91 - 92 - 93 - 94 - 95 - 96 - 97 - 98 - 99 - 100 - 101 - 102 - 103 - 104 - 105 - 106 - 107 - 108 - 109 - 110 - 111 - 112 - 113 - 114 - 115 - 116 - 117 - 118 - 119 - 120 - 121 - 122 - 123 - 124 - 125 - 126 - 127 - 128 - 129 - 130 - 131 - 132 - 133 - 134 - 135 - 136 - 137 - 138 - 139 - 140 - 141 - 142 - 143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 159 - 160 - 161 - 162 - 163 - 164 - 165 - 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 179 - 180 - 181 - 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after supper walked to edge of lake.  
The 50ft Poplar by the side of the  
road is tremuloides. Her F. showed  
us some fine *Picea alba* by the  
pasture near house going to the lake.  
Listened to the Hermit & Wilson's  
Thrushes. The Hermit Thrush  
was scarce but about here.

11 June

Showers all day. But we got out & drove  
again several times in the morning. In  
the swamp by lake and behind the house  
*Salix balsamifera* & *Corylus heterophylla*  
& *Hydrangea serrata*.

PM We went to the bath in Windsor  
place by Old Chapel, where last summer  
we were, a fine place for exercise  
& recreation. Home at 7.30 and  
dinner. The 3 families had arrived.  
List of plants observed today in the  
Park Catalogue.

18 Mr. Taxon & I to the with A & H down the road a mile towards West Burke. Fine Paper swam in lamp place & by first house *Premula mistassinica* in place where I saw it years ago. Several mosses also.

All we walked up the Lake Road to the Hoaning Ford Falls: got two small mosses, *Myurella* & others. Mr. Taxon showed us the slides from the road & we heard a great fall of rocks, which he saws. Walter saw from her room window; on the big slide fell by a great smoke in the woods about, but the stones did not reach the road.

19 June

Went out again at 7 am & to the Lake to West Burke with him. Mr. T. & I went down the road to *Premula* swamps & other places. There A & H saw a lot of moss on a hill between the lake & the top of the hill. I saw a lot of moss on a hill between the lake & the top of the hill.





On the way to the tower cliffs near the house, but found the going very difficult - spent most of the time in the rocky woods below; found a tree that Mr. F. allowed was *Ostrya virginica*, did not find *ginseng*, but did find an oven bird's nest with five eggs + brought back also the usual bag full of mosses.

15 June

Mr. Faxon went home at 7 am. I took 2 hours to work on my plants + then in wet pasture trying to find *Hypnum Blandovii* - Then with A. H. in *Epigaea* Swamp + got some more specimens of *Carex tereticaula*.

But we all walked to Cow Brook by the path. Got mosses + saw a few plants of *Chimaphila umbellata*, new to my list. A *Lepidium* also by Mr. Cheney's Cottage. Day dull + cloudy.

20  
1896

June 16

Drove over the Sutton road & by the Sutton Cemetery back almost to West Burke & then by stage road home. Mrs K. M. & J. Miller ad. & J. Miller (the driver) & J. found *Parussia* by roadside just beyond Richardson place on Sutton Road, also *Hemulus*. Some fine *Viburnum* shrubs on the Cemetery Road. At our old Calypso place tried to find some plants, but it is much burnt over & hurt.

P.M. packing &c & dug up three white spruce trees to carry home in a paper bail.

17 June

Left the house at 7: West Burke at 8.15 arr. Lebanon at 12: dined with Edith, left at 2.55 & in Boston at 7.15

25 June

Left Boston with truck at 1 o'clock for  
 Nahant. Train went to Franklin  
 1st July 200 at 4, we held this  
 to cutting at the Goddard house  
 7. + long. 20 + left to Nahant at 7.47.  
 I spent the day at 10 in the place  
 before the lake house. I took notes  
 of the station. The British found the  
 first of the road which I have  
 measured. 1000. 2000.  
 1000. 2000. 1000. 2000.  
 1000. 2000. 1000. 2000.

26 June

Left Nahant with truck for  
 Nahant. 1000. 2000. 1000. 2000.  
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27 June

Left Nahant with truck for  
 Nahant. 1000. 2000. 1000. 2000.  
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[illegible]



196

25

July 4

Left Middleville 7.08 & arrived Lebanon  
at 12. Got home at 3 o'clock but I  
spaid over with Katie Hill Sunday  
then home by the Lake train.

McCloughly 1st - July 11, 196

Left Jackson with 1st Dodge & ran at  
4:45 broke 4 o'clock. Not long.

Had Thompson's 1st 1st 1st at receiver  
Stacy from Union State to the house:  
the house made for 1400 ft.

July 4

Left Middleville 7.08 & arrived Lebanon  
at 12. Got home at 3 o'clock but I  
spaid over with Katie Hill Sunday  
then home by the Lake train.

26

[illegible]

The went up Hill back Sugar House  
soon came out on a high plateau  
with view towards West Burke.  
Then back again down hill we  
reached the path up the mountain  
finding a clump of yellow ladies  
slippers in front & also two specimens  
of *Salix quinqueifolia* in flower.  
From back we climbed rapidly  
to the top of Sugar House & a first  
view of the very beautiful  
clones from the cliff, with  
good view from Sugar House. The  
cliff is steeply up, with  
scattered rocks and large boulders.  
The view from Sugar House is



look over from plants & altho we went  
into the wet pasture we soon came  
back again.

14 July.  
Sunday.

Wid. drove us in double beam around the  
Lake to Safford Landing. Put up horses  
here & we lunched at the Lake side.  
In bog there *Calla palustris*, *Carex*  
*noronensis* & *Lysimachia thyrisifolia*.  
up the road *Pyrola chlorantha*.  
but no minor altho it was a very  
likely place. We drove home by  
the Long Pond road, getting many  
plants, so that I added 35 more  
fish. *Cinna pendula*, *Glyceria*  
*canadensis* & *palida*, *Salicaria*  
*repens*, *Carex vulpinoidea*, *Habenaria*  
*montana* & *tridentata*.

15 July.  
Monday.

Went away on yesterday's plants till  
the dinner hour at 12.30, and just  
as we got ready to go out showers  
began. It went up & down  
the Lake in the steamboat with Capt  
~~Henry~~ Rowell. PM we had rains,  
which ended in a violent tempest abt  
5 o'clock, obscuring Lake & mountain, so we  
did no botanizing.

28 1896

16 July  
Thursday.

Left house at 8.05 & went up the Mt.  
& to North Lookout. Cloudy overhead,  
but Mts were plainly seen from  
Mansfield to Washington. Got  
*Aralia hispida* & *Sanguinaria* both  
new to list. Came home at 12.15  
after taking Barometer at various  
places. PM we went to Cold  
Brook, followed it up & beyond then  
back & into the woods towards  
Mt. Hor, got *Aspidium spinulosum*  
type. A.D.H. wrenched his  
knee knee getting under a log &  
we came home slowly at 6.15—

Friday  
17 July.

Left house at 7. West Burke at 8.10  
arr Lebanon at 12. Left at 3 o'clock  
arr Boston 7.10. A.D.H. took tea with  
me at Prov. Station & I home 8.15.



1896

July 16 Barometrical observations by A.D. Hodge, Jr.					
Location	Hour	Clouds	Wind	Feet	Temp.
Ground in front of Hotel	Am 8.05	9. Threatening	moderate from N.	1770	61°
Pulpit Rock	8.40	9. Threatening	stronger fr. N.	2300	60°
Summit on the Path	9.35	9. Lighter	slight breeze fr. N.	3225	59°
North Outlook	10.30	9. "	light fitful breezes fr. N.	2985	61°
Summit on Path	11.10	10 "	light fitful breezes fr N	3225	61°
Pulpit Rock	11.40	10 "	stronger gusts from North	2315	60°
	11.45			2325	60°
Ground in front of Hotel	Pm 12.15	9. "	light wind from North	1760	62°
Front of Hotel	2.25	" " " "	" "	1735	
Lake Shore	2.45			1610	
" "	3. "			1610	
" "	5.35			1560	
Front of Hotel	6.00			1660	

Willoughby - Vt

31

July 20. Monday. Katie & I left Boston 9 am arr West  
Burke 4 o'clock. Rain began at Ply-  
mouth & continued till dark, we  
arr house at 5.30, E. F. Williams  
there: he came up last Friday.

July 21. We went to Cold Brook & E. & W. got  
*Carex aurea* there & *retroscia* & *lenticularis*  
by the lake: back to Pierre's House  
+ hillside & home at 12.45.

Ran pretty steady rain & we did  
not go out. but after supper  
walked up the Road a bit & then  
down to the lake to get *Silene*  
*rotiflora* in flower by Pierre's H.  
On Road found bracketed spikes  
of *Plantago major* like the  
Roberval specimens: also  
*Sambucus canadensis* with the  
white pith & *Spiranthes Ro-*  
*manoffiana* in flower. Rain  
again in the night.

July 22 A fair day. Followed down from Little  
Pond on West side of Brook: found  
fine *Aspidium cristatum* var  
*Clintonianum* in the Swamp not far  
from the road: we washed the rocks  
in the Drinking trough on Mrs. R's land.

then down the road to the Hermit House & in by the brook then to Heskera Spring: getting *Monarda uniflora* by the way: Lunched at Heskera Spring, then found the brook followed it thro' the swamp, & in pasture & meadow below & came out on the road by the schoolhouse at Sutton corner, then down to the brook again by the road up to the Arcadia retreat & then home by the highway.

July 23  
Thursday.

Rain all day: we had work enough on our plants & hardly went out doors. I examined & made figures of *Goodyera Menziesii*. The afternoon cleared up & we went up to the Pellaea cliff & got *Woodsia glabella* & *Pellaea gracilis*, but did not stay long: walked thro' the Sugar house woods southerly to Mrs. Richardson's pasture. Evening clear & cold.

July 24  
Friday.

after getting our plants in order we started with lunch up the mountain: found a fine bunch of *Goodyera repens* by path to the Spring well up the mountain. Lunched on the So. side of the pass with a sundge

to keep away blackflies. Went over to the  
North outlook: mountains in all directions  
fine. Lake Memphramagog clear & the  
mks fr W to East. Ben Mt. Owl, Great  
Sugar Loaf, & the highest one "Orford".  
Mr Young, the Boat Builder from  
Magog who is here says Orford is the  
highest mountain in Canada, it  
lies East of Memphramagog, but I  
know it not. We got fine  
Aster macrophyllus, & Streptopus  
roseus with fruit all the way from  
triangular ovate to round ovate or  
even globular, and aster acuminatus  
both the type & with the chaffy rays.  
E. & W took barometrical observations  
same places A & S did last week.

July 25  
Saturday:

At home till 11.30, then to marsh with  
Annie Loreutz who came last evening.  
Found *Pyrola rotundifolia* & we showed  
her *Salix balsanifera*, got *Muhlenbergia*  
& *Potamogeton*. Then E. & W & I  
went through wood road opp the house  
for about a mile, got in corners of  
pasture *Equisetum hiemale*. Did not  
find many things in the woods.

1896

July 26  
Sunday

E. & W. & I had team & drove round the Lake. Walter Buck driver. To Westmore & Long Pond. Got *Woodia Slovensis* on ledge beyond Roaring Brook. Lunched at the old deserted lumber house on Long Pond & got home at 5.30. At Long Pond got *Potamogeton amphifolius* & *heterophyllus*. Several garden escapes on the road. *Eutonia Pennsylvanica* on the Lake shore. Beautiful day.

July 27  
Monday

Rainy & wet all day. Arranged yesterday's things & packed for home.

July 28  
Tuesday

Home via Lebanon. E. & W. with us to Wells River en route for Randolph N.H.

July 31  
Friday

at Mr Faxan's fr 9-11 am looking at their Fern Herbarium on great sheets. Saw *Asplenium viride* collected on Mt Nor in Aug 1887 by Mr Condit & sent to Mr Faxan as *Woodia hyperborea*: it is young enough to show the indusium plainly. Mr Faxan has searched for it since but has not found any.



1896

Aug 23.

## B + Prov cleared tracks

35

at Haywood at 8.55 met Mr E + C E  
 Taxon, E. F. Williams + Mr Rich +  
 we tracked till 2 o'clock in the  
 Stony Brook Reservation. At or  
 rather East of the Bridge over the  
 outlet of Muddy Pond Mr. F. showed  
 us *Polygonum Virginicum* in a  
 rocky place close to the new  
 Reservation Road. at the outlet  
 of the Pond in the bog got *Vaccinium*  
*dumosa* in fruit + *Polygala cruciata*.  
 Then East by the Reservation Road abt  
 half a mile + a short dist say 100 ft  
 on the right hand of the road to Catkill  
 Swamp: guide my walking now +  
 full of *Typha angustifolia* + at  
 the end fine Woodwardia Virginia.

then it began to rain hard + under  
 our umbrellas we tracked to Hyde  
 Park station where the others went  
 home in the 2.15 + Mr Williams  
 went to the house with me +  
 remained for supper — going in on  
 the 7.27. They rode out on the  
 Prov. R.R. cleared tracks, the first-  
 train —

1896

Aug 24 arr. West Burke at 4.15 & to the  
Hotel at Hattie's —

Aug 25 Am walked south from the  
Hotel as far as Keonik's house.  
Sall is his name —  
on hill behind his house & across  
the brook got *Gentiana linearis*  
& *Euaphalium decurans*. The  
*Salidagos* are *zigosea* &  
*serotina* mostly, with *lati-*  
*folia* & *lanceolata* in the  
more woody places. Of the  
asters, *pinnatus* is everywhere  
with *umbellatus* & *acuminatus*.  
But I walked to Sugar House  
& by path into the woods & out  
nearly at the Lake. Got one  
spec of *Salidago Canadensis*,  
which so far does not seem plenty.  
Evening Mr. Wankar Ward Editor  
of the N.Y. Independent & an Orientalist  
with his sister Miss Ward & Mrs.  
Terry came. The latter is a botanist,  
has charge of one of the cottages at  
Smith College & is a sister of Prof  
Hitchcock of Hanover, we talked  
about the Will. plants till a late  
hour. i.e. 9.15

Aug 26

Am. with Mrs. Amek down the road to show her the Asp. Chiapanianum place shown by the Swampy road. Got several *Epilobium* in the swamps some *Bidens*. (also a small *Spiranthes latifolia* new to my list and Mrs. Ferry brought up fr. the swampy place left hand side of road to lake a fine *Aspidium Boottii*.

P.M. I worked till 4.30 on my plants of yesterday pm & today.

Mrs. Ferry brought home from the lake shore some curious *Solidago* of the *macrophylla* flowers but larger than *humilis* - I pressed them all.

Aug 27

Rainy am but I went to the Little Pond Bog & found a prostrate *Eriochloa* which may be *intermedia*, also *Cicuta bulbifera* & *Dulichium spathaceum* and a very interesting winter bud of *Kalmia glauca* with the flowers formed for next year.

It cleared in the afternoon & H.W.K. & I went to West Burke

for Mads who arrived on the express at  
4.10. near the station found  
*Euphorbia maculata* & *Panicum*  
*glabrum* & *Gnaphalium uliginosum*,  
& on road a large *Carex vulpinoidea*  
& *Mentha piperita* -

Aug 28

Am with Dr Ward, Mrs Terry, Mads  
& Miss Prince to the Gentian meadow &  
found a few specimens, also some  
*Liparis loeselii* in fruit & in the  
Moose Swamp, the *Monarda*  
*grandiflora* in flower (Mads/ beside  
several *Botrychium* in the pasture  
& a fine patch of *Equisetum hiemale*  
& *Parnassia Caroliniana*.

PM I worked on my Plants &  
Hattie & Mads went to West Burke  
for Mildred who came on the express  
from Lebanon via Plymouth.

1896

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Aug 29  
Saturday.

In three Row Boats Mildred M. & I  
Dr Ward & Mrs Terry Mrs Bruch &  
Mrs Baxter to Fern Cave on Mt. Hos.  
*Impatiens pallida* very plenty.  
Mrs Terry found one *Microstylis*  
*monophyllus* in fruit which she  
gave me. *Eriogonum hyssopifolium*  
*Paruesia* & *Woodisia glabella* &  
spray up on the rocks out of each  
an aster probably *polyphyllus*.  
*Cystopteris bulbifera* - the plants  
few.

Ran with M. & I to Little Pond Bay,  
where she saw a fine Heron. I got  
*Urtica* under, two spec in flower.  
& plenty of *Spiranthes*.

also in flower *Antennaria* &  
*Senecio vulgaris*.

Aug 30  
Sunday.

At home till 11 am at work  
on my plants. Then up the  
Lake Side Road with M. & I to see  
the rock that fell from the cliff  
& across the road beyond the  
Echo Rock that projects into  
the Lake. These Rocks fell  
on Thursday of last week, before  
we came up here & the day

after Mrs Tabor & Annie Lorenz had been there. Found *Oxyopsis nula-nocarpa*.

PM to the Bog with Mrs Bruch & Mabel, they watched for Birds & gathered mosses and got fruit of *Lonicera oblongifolia* and a very typical leaved *Goodyera Meziesii*.

Aug 31  
Monday

Rain all day — worked on plants in the house.

1 Sept  
Tuesday

Morning walked up the Lake shore to Roaring Brook, observing the *Solidago bicolor* & *var concolor*. PM with Mabel & Miss Cobb, view of Elm Trees nearby where *Carex utriculosa* & large *Marchantia* grow. Got Beech nuts, and a Hawk flew through the Glen not far away. Saw three Sandpipers in Little Pond Bog.

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2 Sept.

Up the mountain with Mattie, M & S  
Muttie, Miss Brock & Miss Andrews,  
while Matt carried our lunch &  
traps. Left home 9.30, & came  
back at 5. Lunched on top & then  
to North Outlook - Fine views of the  
Mts. tho' the Sun was obscured.  
The Adirondacks plainly seen.

3<sup>rd</sup> Sept  
Tuesday.

Heavy rain all day. Did not go  
out.

4<sup>th</sup> Sept  
Wednesday.

Am to second Bag below the Lake  
Road. A flat, meadow like  
surface with a walk upon; got  
some mosses at the lower end.  
Then joined M & S by the big  
Boulder & we came home by  
Miss Cobbs view the pasture.  
Then we all went to the Pond  
on the To Barton Road, visible  
from the top of the Mt. - Signs  
are posted of the Vermont Chemical  
Co. Could not get in very  
near the shore on account of the  
overflow of water into the edge  
of the road caused by the same.  
On the road found a chump

S. purpurea  
 of willows 15 or 20 ft high & 30 ft  
 long by the roadside new to us  
 took specimens. Also found  
 what looks like *F. balsamifera*  
 on the dry roadside with very  
 evident stipules. *Silene*  
*meubalis* on the road, which  
 have not seen elsewhere.

5<sup>th</sup> Sept  
 Saturday.

We all went up by Steamboat  
 at 10 o'clock to the lower end of  
 Lake & walked along the Beach  
 to the outlet where we had lunch.  
 Well came for us in the train  
 3.15 & we drove home.

Found ~~*Grapholium purpureum*~~  
 at junction of road beyond the  
 outlet bridge and in the swamps  
 at outlet. Some minor very  
 mild & quite luxuriant leaves.  
 I never saw it away from road  
 houses before nor ever so  
 far from Winnipeg. Got several  
 mosses and two aspers for  
 future examination. Strong  
 South wind blowing all day.



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6<sup>th</sup> Sept  
Sunday.

Heavy rain all day. Took care  
of plants & changed & dried  
Bryans.

7<sup>th</sup> Sept

Am to the Bog for *Elaeagnus integrifolia*.  
Then with Mullin & Mead in row boat  
to White Side in the 1st boat side (with  
side not very long). P.M. up the  
wood path to the Raspberry patch  
& to the edge of the Coniferous wood  
beyond and in the morning up the  
house got *Aspidistra Claytoniana*  
in variable condition of fertility &  
sterile forms: undoubtedly from the  
effects of shade growth after mowing.

8<sup>th</sup> Sept

Am started in Row Boat with Will  
Rice but soon came back seeing Hattie  
going out in Boat with Mullin.  
After my came back we all staid  
near the Lake till noon.

P.M. got some *Mola Albertii* in  
the rocky pasture & the large  
shell in flower. Then with Hattie  
& Mullin to the Cobb's new & Baxters  
Bower. The latter a circle of 12  
wooden frames 8 or 10 feet &  
the frames 3 or 4 in. in diam, &

1891

collected at top of water - complete  
top.

Sept Left Billoughby at 7 AM for  
home.

22 Sept. Left Boston at 7.10 for Woods & <sup>with A.D. Hodgebr.</sup>  
11.40 & visited Fish Commission  
Boylston Lab. The latter part of day  
to the Green. Met Mr. Richard  
Rothman of the Fish Com. at Mr.  
Sexton Hotel where we dined.  
Boat at 2.10 in evening for  
Vineyard Haven. Staid at Green's  
Inn & Mr. Packells. Rained all the way.

23 Sept. Suggest our horse leave & arrived 3.00 PM  
day. From the post office I sent the  
mail. Sent also 1000s to  
apt at his work, a snake & 1000s more.  
Saw Post Nat. Museum. Had  
Lundström. Urolophora Virginian  
in museum by Urolophora also  
Mammals & Serpents.

After dinner - on inside the Agricultural  
 Farm. I went with the plant collector  
 then walking by roads & ponds to the  
 top of hill 210 ft on map north  
 of town. Got various *Desmodium*  
 + *Leschkeya* + *Polygala* + especially  
 several plants of *Grapholium purpureum*  
 in a little glade at base of said hill  
 near the woods. In West Litching  
 two shade trees very fine *Tilia*  
 had a European cult form.  
 Night given above + white below  
*Phlox* + *Artemisia* + *Urtica*  
 very fine by the roadside - also a  
 Sump *Desmodium capillare* by road -

24 Oct

Drove to West Litching today. Heat 80  
 11.10. Mrs. Susan Rodman by the  
 beach, but her window house are  
 back a mile back on the road.  
 Explored the neighborhood. *Rhus copallina*  
 much altered in the stormy sample  
 by insects I suppose. *Thalictrum*  
*argophyllum* in swamps by the light.  
 inside the lot on the pond down  
 to the light. The light is 140 ft  
 above sea. First order light visible  
 10-15 miles away.  
 The pond got a *Staphylinus* which

felt rigid, others, when taken out of the water. It was wholly putrid, it is *suspensulum* var.

Noticed *Asplenium adnigrum* on the roadside in Chilmark & found in a pasture on Conception Mt. quite numerous.

Every track over better light & was, abundant with its usually obnoxious, under the moonlike sky.

Frosteria *perfoliatum* in road by Mt. Holidago. *Ellisella* in all the branches.

25 Oct From New York to Westbury, by the  
- main road. Arr 10 o'clock & then  
to Edgartown at 12 o'clock. Arr. noon.  
Left a mile to W. Westbury line. Road  
conveniently by the roadside & beyond that  
some spectacular. Lunched at  
Edgartown at a Indian woman's home  
in which it & walked about the town  
got some sea shore plants. & then  
through Cottage City to New Bedford.  
Arrived at 5 o'clock in evening.  
Our driver Charles Conway. (good man)

26 Oct From New Bedford to New York.

Apr 13.

with Mr E Taxon & A D Hodges to Nahant  
to search for *Grimmia maritima* -  
found it on the water side of  
the road around Little Nahant at  
the point where Egg rock comes  
in sight. The sea wall at that  
point was begun to build -  
a slide may obliterate the  
station as it is exactly under  
the angle of the road when our  
two big stones were already  
fallen from the wall. The  
green tufts with hyaline points  
growing with it, (not seen in  
fruit) are *Bryum* (prob. *capit-*  
*ellum*). On the road near by  
the fruiting *Thuidium* in fruit.  
got several other mosses not in  
fruit & not yet examined.

*Atrichum angustatum* was in fruit.

+ *Hypnum cupressiforme* in fruit.

449 1896

Nov 15. Sunday. walked along the Blue Hill  
Reservation Road about a mile &  
on the made bank at right hand  
side of the road beyond the Park  
Pump, found

*Dicranella heteromalla*

*Leptotrichum tortile*

*Pogonatum brevicaule*

The snow that fell night before  
last covered the hill & woods, but  
the roads were bare

Dec 11. Drove with ad. Hedges & Dickson to  
Bridge & got mosses on the Meadows  
growing on the Dickson side of the  
River. They appear to be

*Pylaisia rubricarpa*

*Helia turkella*

*Pestica obscura*

*Pylaisia velutina*

and a *Hypnum*

either *Hypnum plumosum*

- *Lycopodioides*

a great many males fls in early  
buds make me think it was a  
fruiting *Tortile*.

Dec 12 1896. Got *Dicranum viride* fruiting  
on Blue Hill near the Butternut  
place on ledge.

May

## Natural Bridge Va -

G.G.K. - H.C.K. - M.K. - W.A.S. - A.D.H. Jr. -  
 arrived from Richmond at 3.50 P.M.  
 May 12. Pleasant weather for our  
 3 mile drive to the Appledon Hotel, Mr.  
 G.S. Lott, Manager. but heavy rain  
 all night & frequent showers on the  
 morning of the 13<sup>th</sup>. In P.M. of the  
 13<sup>th</sup> W.A.S. A.D.H. Jr. & I walked thro the  
 Glen to Lost River & I collected a few  
 mosses. On Hemlock Island

*Conopholis americana* Wallroth in  
 great abundance on the roots of Hemlocks.  
 many other things seen. Tried to find  
 my *Carex pedunculata* at the Salt-  
 peve cave, but did not: saw two  
 skids or old plants that - may  
 have been it. *Crataegus parvifolia* is  
 in bloom in the Glen. & *Carex eburnea* Boott

14 May

Rain all day. Walked down to the Glen  
 in P.M.

15 May

Fine Day - with A.D.H. Jr. M.K. & W.A.S.  
 under the Bridge to meadow at angle of path.  
 Got two carices, and *Chamaelirium*  
 & mosses.

P.M. walked with A.D.H. Jr. to Lincoln  
 Hill - got a *Grimmia* & the three pine  
 inops - *mitis* - and *pergens*.  
 the latter not infrequently.

1897

Jan 24.

Sunday. Mr. & Mrs. came yesterday  
from to see Sunday here.

This was an extraordinary blue with  
brownish tinges. Paul, who by  
the Park House, where he was much  
interested in the six skeletons  
largest 48 inches long, and one  
copper-head. The latter had his  
skin abt 3 weeks ago, & was  
nothing since he was copper-head. He  
was very bright colored, and  
his spinal column was so prominent  
that his body had a triangular shape  
resting on his flat belly. I suspect  
he is suffering to death.

I got *Quercus chrysolepis*  
*Quercus fulva*  
*Quercus viridis*



1897 Natural Bridge, Va.

15 May. Many fine white oaks of very varying  
*Pellaea atropurpurea* quite  
 thick on some roadside ledges.

16 May Sunday - A.M. with A.D. & J. M. at  
 down the road and at Brook by old  
 house got Water cress and in the  
 Magnesia Spring Basin one on two  
 moose, one of which looked like  
*Pamphyllopsis* -

P.M. with Hattie & A.D. & J., on top  
 of the Bridge and to the Observatory  
 where is fine view of the Blue Ridge  
 Mts: the thunder drove us home,  
 but rain did not fall till evening.

17 May. A.M. we all walked on the  
 Five Leden Road: got large *Pellaea*  
*atropurpurea*, saw a Red Bird.  
 Thunder drove us home & at noon  
 raining hard. *Lycium vulgare* by  
 the roadside - near to mill.

Rain cleared off in P.M. Took ride horseback  
 with Miss Parsons: H.W.K., A.D. & J. and  
 walked thru the Glen to Lee's Falls: Saw  
*Heuchera Americana* -

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18 May.

Fine day. Am & all drove in two carriages to Lincoln Hill & home by the Red Hill. Our driver showed me *Lycopodium complanatum* on Lincoln Hill as rare here. A fine large Oak by the Brook at The Red Hill which may be *Michauxii*.

PM ADH for I on Buck Hill - got *Asplenium parvulum*, but could not find *Polypodium incanum* which I got here in 87 - gathered 3 *Carices* - Came home by the Churchgate, where is the largest Black Oak I have ever seen. Got an *Orthotrichum* on an Oak there.

19<sup>th</sup> May.

20 "

21 "

From Wat Bondy to Luray.

Luray to Harrisburg

Harrisburg to New York.

31 May

Rainy day. Decoration Day & the Shaw Memorial dedicated on Boston Common. Am I put Smalls 50 Southern mosses in my Herb. PM on our elm trees by house found *Barbula papillosa* Mils, very marked with its rosette of numerous leaves after the heavy rains.

on the ridge  
behind house to Little Pond Bog  
& back by the edge of the woods.  
Taking some mosses, one small  
Hypnum from a rock surface.  
Katie, Millie & M & I here with me.  
A Botanical party, Miss Prince,  
Miss Ellen Thatcher, Miss Sarah  
Crocker & Mrs Crocker went

13 June

Sunday. Walked thru with Millie & M & I  
to Roary Brook. gathered moss & went  
beyond to look for *Cyrtopodium arifolium*.  
Rain began & got hard. Katie sent  
the team for us, but we were almost  
home now, M & I rode. Rm went  
up at 4.3. clear sky, Hillside path  
up the house & then down to the Road  
home. got several moths, among  
others *Agrotis*, which I never found  
before. Every heard a short railroad  
whistle a mile behind cottage & barn.  
The train went out soon after while  
I was in the field. It was a bird,  
the fox, but I think it was a bird.

74 1897

14 June  
Monday

Rained till 11 P.M. Ma & I went  
to Sugar House woods for 11-1 I got  
some mosses. P.M. we all drove  
to West Burke for Florence Barron who  
did not come. Fine sunset.

15 June  
Tuesday

Am with Ma & I to his house Swamp  
- home by beautiful woods road  
- Sugar House opp Mr. Pauls place,  
where they have put in a still for  
making oil Cedar. P.M. Millie  
drove to West Burke with Rice  
& Florence came. They arrived just  
as a violent storm came down  
the lake.

16 June  
Wednesday

at last a really fine day. cold  
windy - warm. Walked with  
Rice to Acadia Park, looking  
for Sheep, then I down the road  
to Acadia to the school house -  
home by the West Burke Road -  
P.M. I went up to the first hill  
looked for Seligeria but found none.  
brought back some mosses. As it  
went along to the Hill -  
my wife to the Faxon, the  
the season is from 10-18 34 in,  
repeated according to the people  
here.

1897

55

17 June  
Thursday.

We all walked to Brown Brook house  
by noon. Will Rice took Mr. K in a  
carrigan - he went to show me the  
exact spot where by Archdeacon will-  
turner was buried, then we went  
home & we all walked back. I  
examined the roadside & high up the  
hill side for the Corp. aris. but did  
not see any. Got many stones  
at Brown Brook. At 4:30  
all the children & I went down to the  
lake & saw the Beland's Quaking  
moss & got some stones from  
the stone pit. Under.

18 June  
Friday.

Went to see the road to School house  
with Rice to show the landmarks  
- the camp & the house. The  
landmarks were the old  
Camp. The house was the  
roadhouse. Many flowers  
in field & garden & worked  
on my notes all day.

9 June  
Saturday

We all went along the Cold Brook path  
& I got 3 bags of mosses there & behind  
the Barn. I worked on them in P.M.  
while the others went up the lake in Boat.  
Rain all day. Cloudy & cold in P.M.

20 June

28

The

1897

July 1.  
Thursday.

Hattie M. A. J. & J. E. Williams & Mr. Greenman left Boston 9. am. Libanon 1.25. Waterbury 4.30 - half an hour late. Seats on top of stage 10 miles to Stowe. Green Mountain Inn, Mr. Loujey, clean & good.

July 2.

Left Stowe in Horse Mt. wagon, Mr Loujey driving, for the Top of Mt Mansfield, 10 miles away. Fine day: one or two mosses on old wall in village. Arrived top of Mt at one o'clock after some botany on the way. Pm we then walked to the Chin found it a long hot walk. Got plenty of mosses & a few other things.

July 3.

Morning we explored the sides of the nose, plenty of mosses & fine ones. Pm Williams & Churchill who came at noon went to the top of nose - Greenman & I went into the little bags & got *Flourensia imandra pallida* & *Sporopogon* & found the Bog near the house - *Blachium*, in a ramified circle 10m. diam, apparently on a cow dung, but how any cow

July 4.

got into that Cedar Thicket I can't explain. It was close to a little trail made & kept on by small animals. Greenman found the Tremadora flowers. Saw a blue bird & a blackbird. In evening the birds were scarce.

Cottage

We are located in the little place below the nose. Parker, Dr., in kitchen down stairs & a bedroom up stairs: we use the R. R. well for our work & consider this our permanent location. Dr. Churchill keeps this Hotel & his wife is from Keokuk in Iowa.

July 4  
Sunday.

Very hot day. We all walked down the Road, I exploring the little cliffs just beyond & below the Barn for Mosses. Just at the Spring is a very large Boulder with many mosses on the floor of cavity below it. The others soon came back on acc. of the extreme heat. All at home - E. F. Williams, Greenman & Churchill at 4 o'clock started for the chin & went beyond far enough to see the Lake & the clouds.



July 5  
Monday.

We four walked down the Mt Road (5m) to corner of main Road & there met Team from Lovejoy for the notch. Arr at 12 & lunched by the cold Spring. Got several Mosses on the yellow Birch by the Roadside under which we lunched, and at the Spring collected cold Hypnum & one Minium looking stiff stem & leaved moss. There have been two bad slides for Mt Mansfield this Spring & the road is impassable for horse & Team. At one we went to Top of the Notch & up the slide in same place as last year, which I followed exactly both going up & coming down. The *Plagiocaulis* was not so plenty as last year, but we all got 4 or 5 specimens. The *Asplenium viride* was in great profusion. I got many mosses, one I think is *Myurella fulacea*. No *Arenaria* or *Pellaea* or *Aspidium fragrans*. Back to Team at 4.30. Eocursus left us at the corner to go to Stowe & hence Home. We are up here at 8.10 picking up M & S way down the Road where she was busy studying Birds.

July 6  
Tuesday.

We were very busy Am taking care  
four plants & the day was very hot.  
PM I walked down the road & collected  
a very few mosses, among them  
a reddish Bryum near the house.

July 7  
Wednesday.

We walked to the chin, calling  
at the Ice Cave on the side of the  
Mt. where there is quite a snow  
Bank, 10 or 15 ft long & 4 or 5 wide.  
We skirted along the west  
side of the top of the Mt & I got  
several mosses & Salix Elaeagnifolia,  
Polygonum viviparum & Hieracium  
alpina. We ate our lunch at  
the Spring & arr. home at 3.30.

July 8  
Thursday.

We all came down the Mt. in Mr.  
Lovesey's Big wagon, our friends following  
in another team. Went to Snuggles  
Notch, shopping at Bingham Falls, where  
Churchill & I went to the rocks at the  
foot of falls: I got several mosses.  
We lunched at Great Spring in the  
Notch, and I reached the Brook  
but found no more of the curious  
rigid Minium leaf I found before.  
We all walked up to the highest  
plant - the Road: the car

slides across the highway had been mended. Churchill went up the Cliffs on the Sterling side, but got nothing more noticeable than *Myrica hyperborea*. We left at 4.20 - for the hotel at Skow, in a very warm afternoon.

The heat has been very severe all over New England:

July 9  
Friday.

Mr. Loughey drove us to Wakebury to the Train, we got the *Arabis stricta* on Rocks we had noticed going up.

Churchill this family spent at Skow over Sunday. E. F. W.

Came along with us to Boston at 4.30 + we spent at Lebanon 2 1/2 - 3 + are in Boston at 7.

1897

Mt Pleasant House.  
White Mts.

July 21.

Left Boston 9.40 am here  
at 3.30. Rooms 201.3.5.7.

July 22

Rain all day very violent -  
at Sundown. Walked on the  
planks across meadow across  
the power house to Barn: got  
*Trematodon ambiguus* what  
I call *Bryum atropurpureum*.

July 23

Fine morning many people went  
up the Mt. Heavy shower into  
11.12. Am I walked to the  
Ridge opposite the house.  
Under the culvert of RR where the  
brook runs near the Barn, many  
on rocks submerged what I call  
*Myrium (Limnolium) melleum*.

July 24  
Saturday.

Am walked by new road via Barn  
to Base Station road. Only to the  
Bridge a rod or two on Base station  
Road as the Thunder warned us  
home. On the timbers of the  
Bridge got a pulvinate tuft of  
moss which I worked on in  
the afternoon. The six or eight

capsules I did not disturb, but found *Archegonia* at apex of stem in a gemmiform flower, and in the axils of almost all the stem leaves abundant gemmae. The arcolation of leaf was most like *Ditrichum* in Dixon's manual, but the leaf itself was not setaceous. Also found plenty of the Blood Red *Bryum* + *Trematodon* growing with it, and a *Ulexia* looking moss with very black twisted ~~the~~ seta. - Rain in P.M.

July 25  
Sunday.

Very heavy rain in A.M. cleared somewhat in P.M. Walked south of the house to highway to gate where the road runs to new dam for new pond on E. side of Road. In the wet roadside & in running brooks got various mosses. Very small ripe *Trematodon* on roadside & a carpet of the *Straminea* group in overflowed pool. Two or three *Hynum* on stones in cold brook.

1897

26 July  
Monday.

E. & William came from Kandoele  
8.48. We walked up the road  
to Base Station lunching on the  
roadside. Some odd caries -  
a few mosses were all we got,  
but the walk was fine. View at  
the new Boarding Ho. at Base  
was very fine. Came back on  
the afternoon train. E. & W  
staid to dinner, his train 5.12.  
a bright day. Ther all day at 65°

27 July  
Tuesday

Ther 6. am 60°. Day cloudy, but the  
clouds were high. Wrote on mosses  
& wrote letters all up to 11.30  
then walked along the mountain  
path till lunch, & on a fallen  
log got a great many mosses.  
Rm at home.

28 July  
Wednesday.

at home all am & at 12.50 took  
train for Profile Ho. as Helen Childs  
had been here then. Found many  
fine mosses; in fact I don't wonder  
Mr J. P James used to go there a  
great deal for mosses. Home by  
5.40.

29 July  
Thursday.

Helen Childs went home 8.45. Rain in am.  
Pm I walked to Fabyan & part way up  
Net Description & then by RR to White Mt  
House & home by meadows & highway.

30 July  
Friday.

Rain more or less all day. Pm walked  
down the road half way to Crawford  
Hk. stood behind the Alders under  
my big umbrella to avoid one  
driving rain. Lillian & Maud came 7.30

31 July  
Saturday.

Walter Deane came at 8.50. The  
matchless Lillian start on game to  
Goof & then walked over to Bann  
to Road. Pm at home watching  
the rain. Mr Deane went on 7.20  
train, which was late.

1 Aug  
Sunday.

Cloudy & showers over by the Mts.  
Lillian walked in am & Pm, the  
rest of us staid at home.

2 Aug  
Monday.

Fried Goof with Lillian in am  
driving across the River & coming back  
from Milled. S. M. left on  
1.43 train & right after Harry Edith & I  
walked to Crawford Hk (day very fine) &  
back with Lucy Woods on 3.20 train.  
rest of day at home.

1897

3 Aug  
Tuesday.

Harry Edith started to drive to Libahou via Crawford Hotel at 7.30. We went up to the top of Mt Washington by the afternoon train. Mr E. Faxon & Mrs. Glosson on the train. At the top were Mr E. F. Williams & Mrs. Mrs. Henry Williams.

4 Aug  
Wednesday

A foggy day. We walked down the road a mile in the morning. Rm went by Edmund's camp to the head of the Great Grief & got a few things. *Conostomum boreale* in fruit. We came back by the RR & over the rocks behind the house: found *Tetraplodon* in the holes of the rocks. Foggy & bad weather all the day, but a magnificent red & purple sunset.

5 Aug  
Thursday.

A very perfect day. We went into the alpine garden down the cone & out by the Pasture. Had our lunch by cold brook in the Garden. Found *Guaphalium rupestris* on the way down in place where Mr F. & E. F. W. found it last year.



I got many mosses and in the  
Brooks *Grimmia rivularis* - Mr.  
Faxon said it was one of the  
finest days he ever had on the Mt.  
the air quite October-like  
on the evening train came Walter  
to the Summit of Mount Washington, - 6300 feet Above Sea Level

WASHINGTON, N. H., WEDNESDAY, AUGUST 4, 1897. + Trumbull

# A PARTY OF NATURALISTS AT THE SUMMIT.

Last evening several ladies and gentlemen, interested in the study of plant and insect life, came to the Summit and will make a prolonged stay: The party includes the venerable Mr. Edwin Faxon of Jamaica Plain, who has been a frequent visitor. Mr. Henry J. Williams and Mrs. Williams, and Miss Emile Williams of Boston, Mrs. A. T. Slosson of New York, Dr. Geo. G. Kennedy, and Mrs. Kennedy, and Miss Ingell of Readville, Mass., and Miss L. R. Woods of Boston. Mount Washington and the neighborhood furnishes abundant field for study of geology, botany, and entomology. Insects and plants are found here that do not exist in other places. Here on the Summit boulders have been found that were foreign to this locality, which correspond to the rocks many miles northwest of Mount Washington, evidently having been brought here in the glacial period. President Hitchcock of Amherst College held that Mount Washington had not been submerged, but his son, Professor of geology at Dartmouth, found evidence that it had shared the general fate of the lower mountain tops. On the point of rocks just beyond the old Signal station there are evidences of glacial action, to which Prof. Emerson of Amherst College has called attention. Then there is the Mount Washington butterfly, *Kionobas semidea*, found elsewhere only in Greenland, which is abundant late in July or early in August, and recognized as being rare only by those who have become familiar with its habits. There is no end to the field of inquiry in this high altitude, and appreciated only by those who have made nature in its varied forms a careful study.

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boat & home  
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my clay &  
you, but a  
dim hail  
which we  
bury at home,  
the Mt.  
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Ann Lohel at

6 Aug  
Friday.

JGS

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we shared  
3.30.

7 Aug  
Saturday

morning steadily all day on my Mt  
mosses & got them all in press.  
Am wrote letters. Mr Faxon came on Mt train  
at 3.25 + I & Faxon, with him: we walked  
back here the to Crawford's at 4.47.

I got many mosses and in the  
Brooks Grimmia rivularis - Mr.  
Taxon said it was one of the  
finest days he ever had on the lake,  
the air quite October-like.  
On the evening train came Walter  
Deane. Mrs. Slosson heard  
of her brother's death, Mr. Trumbull  
LLD of Hartford.

6 Aug  
Friday.

E. F. Walter Deane & I took a  
short walk down the road & home  
by 11 o'clock while E. F. W. & his  
brother & wife went over clay &  
part way up Jefferson, but a  
hard storm ending in hail  
came on at noon, which we  
fortunately escaped being at home,  
but it was severe on the Mt.  
As Mr. Deane was going down on  
the 1.45 train we decided to go too.  
The Williams' came back just as  
we started. Arr. hotel at  
3.30.

7 Aug  
Saturday

Worked steadily all day on my 147  
mosses & got them all in press.  
Pm wrote letters. Mr. Taxon came on Mt. Mans  
at 3.25 & I & February with him: we walked  
back here the to Crawford at 4.47.

1897

8 Aug  
Sunday.

changed my moss paper 3 times in the hot sun.  
Reading Hensler's Farthest North aloud  
all pm evening.

9 Aug  
Monday

HWK on the 9.15 to Boston. To Crawford  
House & to Beecher's Cascade to find  
Hyssopus Jamesii, got several mosses  
but am doubtful of Jamesii; dined  
with Mr Faxon at 1 o'clock & started down  
the road for cliffs below notch but the  
rain drove us to station & I came home  
on 3.20 train.

10 Aug  
Tuesday

At home all day rain & wind.

11 Aug  
Wednesday

cool windy day with showers  
all round. At noon Ma & LRM  
I walked round the Barn road  
back by Fabians.

12 Aug  
Thursday

The cold rainy morning cleared with  
NW wind after breakfast. Ma & LRM  
& I walked to the Crawford Ho. Mr Faxon  
had gone out. We came back ~~3.15~~ 12.13  
with Vida Sudder & her mother who came  
to see Lucy, lunched with us & away for  
Shelburne at 3.30. I walked on the  
hill behind home but back in rain & wind.

13 Aug  
Friday

To Crawford 40 8.52. Fine cool day. No taxon  
I walked down thru the notch searching  
for Homalia; got many many fruiting  
mosses. Spent there about 3.18  
and began to rain at 4.30. Felt like a rain

14 Aug  
Saturday

To Crawford 40 8.52 + No Taxon. I  
walked down the road again examined  
the ledges & rock, & brought back  
many mosses. On the roadside  
near top of the notch I picked a  
Chimadon which we thought might  
be a *Homalia alleghaniensis*, but my  
studying it at home with Dixon I  
make it *Chimadon leucodictyon* & so  
note No. 7. Rain in evening.

15 Aug  
Sunday

At home all day at work on  
mosses & writing letters. Very  
warm day. After 5.00 much rain here.

16 Aug  
Monday

Heavy shower 7.30 am. Clarence  
walked by RR to Onondaga Falls, &  
back by high road. Spent down to  
Crawford at 1.43 back 3.17 to day  
road by to the Taxon who goes  
home tomorrow. Heavy shower at  
4.30 - reached at 7.30 when NWK  
came from Barton via Lebanon.

1897

Aug 17  
Tuesday.

By 8.45 train for Whitefield to call on  
Walter Deane. Arr. 7.55 & drove by  
the Mt View house to Dr R C Hatcher's  
place where W.D. is sleeping. The  
view of the Mts from Moosehollow to  
Madison was very fine. We  
dined at Dodge's Mt View hotel &  
walked to the station 2 1/2 miles in  
P.M. Train at 4.02 arr 4.57.

Aug 18  
Wednesday

Did not go to Falls & Thompson  
with at home in success. Then  
played one round of Golf before  
the rain set in. Ready to leave  
today.

Aug 19  
Thursday

Fine day. P.M. we went to Profile  
House & saw Jack - Birch, & went  
down to road a mile from a Bonanza  
farm Rosalia famelicus & a big  
yellow Birch tree by lower end of  
Profile Lake at Roadside farm.  
Amacampylodon splanchnoides -  
Home on 4.40. Furious rain in evening.

Aug 20  
Friday

Mr Page came to spend the day at 5.40.  
I played Golf with the Guilds, & took to  
Mr Page about my golfing finds -  
Mr Page went 4.57. Every Sunday even



1071 <sup>1st</sup>  
Nov

after the rain it was very hot. The  
 time is all for more high in  
 Williamson Peak between the two  
 important ridges in the district.

Aug 26  
 Tuesday

Breakfast had no rain. Offstart  
 near the house. Copper ore shows  
 plenty in places, especially the  
 Golden red nodules. Found  
 some *Taxodium* back of station  
 that was lower as described in  
 my note book. Could not find  
 any red station in the bank.  
 Hatter went with me to station to  
 have some of the nodules. I  
 then went to the house taking  
 to see the tape on the back of the  
 first cloud came up, now the top  
 of Williamson. At 11:30 a.m. I  
 rode on Camp's track 12 m. away.

Aug 27  
 Friday

Very wet. Went up to the  
 station for the first time. I  
 station is in my note book.  
 The station is the same as the  
 a rain for the first time. Heavy  
 fog settled down on the hill in evening.

189-

May 2  
1904

Look in woods following the foot of  
Tapiwa - several holes in the  
side of the hill - very near are the  
strange plants. Some fossils  
were found in the Big.

May 24  
1904

Across the Mt. to down. Saw  
valley with Big House & small  
hill. Some houses on the  
valley. Some houses on the valley.

May 30  
1904

Across the valley, valley, valley  
some hills with E. of the valley.

The White Pine on highway from  
Tahyau to the Base of Mt. Washington  
is growth 9 ft 8 inches at four feet  
from ground; Height as estimated  
from shadow 120 ft.

Oct 8 1904. This tree is I believe  
120 ft. tall.





1897

Nov.  
20 21.

Went to Lurine Brook to the line  
 in Blue Hill then down & across  
 Reservation Road to Chestnut Ridge  
 Pass & along by Reservation  
 Boundary to Crossman Pines, &  
 out to Crossman House. On his  
 road, about to enter the forest,  
 where a large blue spruce  
 stands. The spruce, coming out  
 of the water, are thin, and  
 the blue trees are lower. Snow  
 - cover, low enough to reach  
 - up to the top of a few trees  
 - in some places to the top of a  
 - lowing. Saw the birds: got a  
 - few species: *Empidonax* in the  
 - forest by Crossman Pines. *Tringa*  
 - *canadensis* in the wet road in the  
 - forest. (Lined)

Nov. 7.  
Thurs. morning.

Ther 12° at noon. Many grasshopper  
 on road, flying & lively; a few *Empidonax*  
 in the grass. By cherry trees, also *Black*  
*Chimney*.

Nov. 10.

In the forest in places black snow on  
 top of trees, but the water is clear.

Nov. 10.

In the forest in places black snow on  
 top of trees, but the water is clear.  
 In the forest in places black snow on  
 top of trees, but the water is clear.  
 In the forest in places black snow on  
 top of trees, but the water is clear.

70 1898

13 Mch. The roof of Williams house caught  
fire at 11 o'clock this morning & soon  
the whole wooden fire burst up & on  
& it was soon put out. While here  
we saw a large flock of birds in  
the North woods. Ther 12°.  
This evening the frogs are croaking  
by the water spring at the house.

Wednesday Oct

Friday  
10/10/11

Left London 7 am: rain. Mr J & O.  
saw front for a moment only at the  
station at Plymouth. Arr West  
about 3.50. Mr. Green there, having  
come from home. Arrived at home.  
Five left us to the house with two  
baggage horses. Mr. & Mrs. Hylt  
& Dorebaker at house: he a civil  
engineer - Naturalist. Evening cloudy  
cool. No Rain here for two weeks.

Thursday  
10/11/11

Fine day: Sat 7 am and 72° at  
7 am. Mr. Green & I went up  
the hill back to the sugar house  
to look at yellow-bellied shippers:  
found one later of 34. They go  
out before noon from the house  
the yellow bellies up to house,  
and down almost directly between  
the trees - Kauri-forest: I took  
one. It was a strain when I saw  
it fly yellow but brown below.  
The top of a good young shippers,  
about 10 high, looked fresh &  
yellow in color. All over: about 1.  
The yellow bellies, at the bottom we  
were looking for native shippers.  
Some of the shippers - some  
of the shippers.





At 10 o'clock, I went to the lake shore  
at 10 o'clock

The lake was very calm and the  
water was very clear. The sky was  
very blue and the sun was shining  
very brightly. The water was very  
calm and the sky was very blue.  
The sun was shining very brightly  
and the water was very calm.

1. 1. 1.

At 11 o'clock, E. F. & E. F. W. I went  
up the lake shore to Peary Brook.  
I picked them at two o'clock at 5.  
got many mosses by roadside  
*Eucalypta*,  
*Hyssopus elegans* ?  
*Heckera* on under a rock.  
*Aphyllon uniflorum*  
*Cornus circinnata*  
very beautiful clear day, & a  
N.W. breeze blowing. Then at 7 am  
under 50

1898

11 June  
Sat.

Rain all day. Fixed plants & dried drawers at the stove. PM E. F. W & I went up back of the Sugar Ho to the *Cyp. pubescens* place: a flower he had never gathered. Came out from the Hill at the pasture near lake & over little hill, where I got *Polytrichum piliferum*. Evening hard rain again.

Sunday  
12 June

Rain & showers all day, but in PM Mr Foxon, E. F. W & Mr Floyd started out for Dixie's Bog; at 5.30 Mr Floyd came back to say Mr Foxon was hurt, had had a fall & fainted away. Rice hitched up the horses & with fellows & rugs we drove down to the Gentian meadow & found E. F. W near the fence opp. the little Barn & Mr Foxon's lifeless body: we tried to pour a little whiskey into his mouth but to no effect, as he was pulseless & already the extremities getting cold. We lifted him into the Team & came home. He had been stricken while attempting to get over the fence & had fallen backwards: the others were

91

not ten feet away from him. While shopping a moment at the fence before after coming up the little hill he said "I shall not go up the mountain with you tomorrow:" these were his last words. It was a beautiful place to die in, the sun came out clear warm & E. F. W. said the view down the valley was peaceful & beautiful to look upon.

Monday  
13 June

C. E. Faxon came on the 4 PM train. Hattie & Ma I went to bed early in the morning. C. E. F. & I to Boston on the night train arr. 8.10 Tuesday morning. Leaving E. F. W. at Millis for the balance of the week.



1898

## Mt Washington

20 June  
Monday

Left Boston at 12.30 with a Dodge & Freddy Dodge & Mr Greenman for the Mts: arr Fabyans at 7.40 after changing cars at Intervale.  
Mr E. F. Williams met us at the station at Fabyans having come over from Willoughby.

21 June

Left Fabyans 7.40. Heavy rain. Engine had hard work to push us to base & to stop here. ... and hard wind & rain. Ther 36°  
PM we waded down the road a very little ways but soon came back. behind the Barn got *Tetraphodon minoides* & a *Bryum* in young fruit.

22 June  
Wednesday

Slept well last night, window wide open, steam on all over the house; they got five rooms ready yesterday but the beds & linen were in no way damp. Ther 65° in my room this morning & 40° outside. The clouds were trying to blow away & we started after breakfast down the Road. E. F. Williams, J. M. Greenman, A. D. Dodge Jr. Freddy Dodge & I got *Rhododendron Laponicum*.

*Lonicera procumbens*,  
*Diapensia Lappacea*  
*Silene acaulis* all in fl  
 also *Salix Uva-ursi* ♂ & ♀ flowers.

It began to rain while we were at the  
 Cowpasture & after awhile we came  
 home to quite a snow storm at the  
 platform. P.M. Greenman & I got a  
 few mosses back of the house & behind  
 the Tip Top House but the cold rain  
 drove us in to arrange our plants.  
 Three young fellows with guide packed  
 up into the Tuckerman's Parlor & had  
 a cup of coffee by the Hall stove, then  
 walked down the road.

23 June  
 Thursday

Day doubtful at first but cleared off.  
 Took the Great Gulf first but found  
 hardly anything there except

*Salix herbacea* ♂.  
 everything backward & cold.

Then went down the road & to  
 Alpine Garden by the Cowpasture  
 signboard pole: much pleasanter  
 there in the sun with no wind.

*Empetrum* in flower with brayed  
 stigma,  
*Arctostaphylos alpina* in line

84  
with the two boulders where we found  
it last year. It has its flowers in  
clusters of three in a scaly bracted  
cup and each little fruit on a  
stout pedicel, the corolla remains  
~~long~~ long on the young fruit. Probably  
the fruit does not mature, but  
there was plenty of it on these young  
plants: the leaf also is far less  
noticeable than when older, less  
shiny & smaller & the plant  
might easily be passed by.  
we also got fine

*Salix polylicipolia* ♂ & ♀  
" *Uva ursi*

*Cassiope*

*Houstonia* ~~purpurea~~ <sup>racemosa</sup> large fls.

*Copris trifolia* fl

while *Veratrum viride* was not  
a foot high & about in the  
condition April 1st has it with us.

*Microchloa alpina*.

*Carex capitata*

*Luzula spicata*

and I filled my bag with mosses,  
by the way the mosses seem  
more sterile than usual this year  
? Do they have off years in  
flowering?

85  
We came out of the Alpine Garden by the  
Horseshoe Slide, where Faddy could  
slide 50 to 100 feet on the snow bank.  
One hour and a quarter for the garden  
to the Road. weather fine all day.

24 June  
Friday.

In clouds & heavy wind all day.  
Forenoon spent on our plants &  
mosses. P.M. Williams & Greenman  
went down the carriage road to the  
5 mile Port, getting out of the clouds at  
the cow pasture. I staid out an  
hour or so round the Barn & the  
rocks near the house on roadside  
after mosses, esp. the *Polytrichum*.  
Ad. Hodges did not go out. Clouds  
rewind all night.

25 June  
Saturday

Very windy & cloudy this morning.  
Thur. Horne who came up on train said  
wind was very severe at Jacob Ladder:  
so we gave up our Lake & the Clouds  
trip & ~~fixed~~ dried our driers by the  
Boiler & took care of plants.

26 June  
Sunday

Strong wind & thick fog. but clear for 1-4 o'clock  
when we tracked down to the Cow Pasture &  
back. Wind very high: I got mosses. Evening  
the fog set in again.  
ad. J. & Faddy & I came home having P. 7. 24.  
Greenman still in dark cloud.  
arr. Boston 3.25 the Noxch.

1898

July 1. Went to Medford & on high road, by Medford Club. No pot life seen. *Stell.*, *Erigeron*. I got them with No. 5000.  
Day very hot & I came back to Foxboro by the electric car.

### Willoughby 1st

7 July  
Thursday. Left Boston 7 AM with Nick and Rebecca Webb: were on time. Fine day with warm S. wind. Heavy on edge of lake got *Desmodium* - *Samolus* yellow in shade, *Linaria*!

8 July  
Friday. Spent morning on Cold Brook path & in Dr. Cheney's land: got abt 20 things that I had looked but had no *Peridermium* spec. L. also one new spec. *Polypodium ciliolatum* not before recorded. *Rumex* took some very strong, & a good many other specimens. I got *Rumex crispus* by the Brook. *Asplenium platyneuron* in the process. Evidently things may be accidentally in the garden this year & *Asplenium platyneuron* got a few inches up the wall in the fountain garden.

9 July  
Saturday. Am well down down to the lake. Swamp, stopping at Dr. Cheney's house his front porch & after walking to see on the stream. In the stream.

I marked on June 9<sup>th</sup> I found one good  
fruit of *Calypso*, - near by found  
also two more good fruits. The fruit  
is long & slender, not a round & round  
root - is quite different from what I  
expected. We came back by the  
road, near Calypso Swamp up on to  
the Sutton Hills & home by the Cemetery  
& over to the school house, reaching  
home in a windy rain, tho the morning  
had been quite pleasant, got several  
things for my Herbarium as

*Calypso borealis* fruit.

*Drumstick barbatum*, on roadside.

*Thalictrum monochlorum*

*Asclepias cornuti*

*Antennaria norvegica*

*Cornus alpenicola*

*Osmorhiza brevisylis*

*Trientalis palmarum*

*Asclepias cornuti*

*Asclepias cornuti*

worked on my things till 4 P.M. with  
Tom & Mary & then went out to  
Sutton's Rock with Rebecca & Mary.

got *Antennaria* & *Rebecca* & Mary  
the fellow had not finished will.

Found a very fine red & black  
stone.



12 July  
Tuesday.

Bright clear day, cool but not as cold as yesterday. After drying dresses walked to Riving Brook & back, getting several common things by the roadside. One on the roadside So. of the house & in Gaudian meadow, getting many things & all in wet places by the roadside & by the brook in Gaudian meadow. Staid some time at a spot where Ned Faxon had his last look at this earth. He found it was a fair picture. He last saw with earthly vision.

13 July

Wednesday

Took care of plants till 12.30 then walked on the hill opp. the house & came out beyond the chimney & then to the road. Saw leaves of *Staphylea trifolia* but no flowers. The thick woods do not appear to have any plants in flower. Saw some in the school house & in the meadow below, did not get them, but took the beautiful ones, a white flower & *Thalictrum flavum*. A tree 30 feet high but apparently like my little *Salix* from last Sunday. Also got the most interesting of the brook in the meadow. Saw some by the school house.



1898

14 July.  
Thursd.

[illegible]

The heavy plants. We walked down  
the road - around Little Pond & Marl Bog  
through woods & swamps to Gentian  
meadow then opp Hall's house by  
main road through sugar orchard &  
cotton field to the vine-covered house  
to Bishop's bridge - on Acadia Road  
opp Bishop's house & met Mrs  
Bishop & we looked at Iron Mine  
cut side, took tea in home & home thro'  
swampy field to Gentian meadow  
then up road. The upper ex-  
posed bed was *Pecten tenuicostatus* in  
masses in some places. In  
places that *Trematoceras lanceolatum*  
was common. Fossils were preserved  
in the sandstone. The fossils were  
all small, mostly *Pecten*, *Trematoceras*, *Spirifer*,  
*Orthis*, etc., etc., etc. The fossils were  
all in the sandy matrix, the top of  
the way to top. Much of the top &  
then to the outlook, collected *Lampro-*  
*carina canadensis*, *Habenaria psychodes*,  
*Cheilanthes balsamea* & *Picea rubra*. also  
*Juniperus* & *Polytrichum* on top. Home

1898

17  
17

Very warm, collected new things  
R.H. at home.

July 18  
Monday.

Then went straight from the front-  
door towards Little Cliffs & then  
Northward along as high as I could  
go under Pulpit Rock to top of  
the first slide: quite a fine place  
with good trees above the cave you  
see for the house: got one *Aralia*,  
*gymnophylla* & saw lots of *Ullium*  
*triacanthum*: not much else,  
however till I got to the slide:  
Red Oak wh. I never saw on this  
slide before, also *Rhus* sp., and  
*Aparium canadense*: saw high up  
on the bank a red. *Pyrum*: same den-  
to. of the slide. Home at 12 o'clock:  
Then down the road & across fence  
where I killed the snake & saw a  
cousin from wh. I got the  
name. Also *Linnaea borealis*  
& the same place in flower.  
Jump of Little Falls Brook 47'.  
" of the air 50'



1895.

The road runs in the same direction as the  
 road at Skunk Creek in the other line.  
 Kibbourn & America are connected by  
 fine Maysville & C. R. R. Then as the  
 road to Fulton comes to a halt, it  
 follows the same line. Paper mill is  
 also by the Kibbourn & America R. R.

Jul 22  
Friday

Paul & I with Lucy Boarder & 2<sup>nd</sup> by boat  
down the lake & worked on Long Pine  
road to & beyond the Pine Lake Club  
the Road where begins the White Mt.  
mass. There at 7 o'clock, team driven  
by Mrs Richardson with Mr. K. & Misses  
Stewart & Mr. & Mrs. Boarder. Team  
by 8 o'clock: we reached by 9 o'clock:  
did not get many teams. By 10 o'clock  
small ones - conference 11 o'clock. Day  
very fine with 1<sup>st</sup> of June.

July 23  
Wednesday

The former view of the  
 in our short history. It is the  
 largest of the world: not only in  
 the number of people, but in the  
 time which elapses between the  
 place is also the largest, and  
 with the greatest population and  
 power.

July 24  
Sunday

Q. M. worked over 1000 hrs. in 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649,





[illegible]

July 21  
Today  
I have all day packing & building up  
boards. Am carrying in 333 sheets  
to the new place. Some of the  
day was spent in the room.  
In Boston. Looking at the new

[illegible]



1894

Aug 28  
Sunday

Collins of Providence & Mrs. Collins  
of Fall River about 10 AM  
arrived at my house. I went  
to the house of Mr. J. W. Collins  
Rhynchospora demissa, handing  
me the specimen. I do not find  
it in my herbarium.

Photography.

3.45 PM  
3.45 PM

Received  
Melloughby at 6 PM. expected  
Dr. Farrow but he did not come.  
Day very hot & uncomfortable.  
The evening also hot abt 80°.

4<sup>th</sup> Sept  
Sunday.

Ther abt 78° or 80° all day, but  
air not so moist as at Boston.  
All walked slowly down to  
Lake & along road to Echo Rock  
where Mr. Lorey has just finished  
a good seat on the Rock.  
a short distance beyond met the  
Lorey family & Mrs. Brock & Miss  
Kellogg who had gone to Westover by  
the steamboat & walked back.  
I did not get much; a small  
Cypripedium in flower. The  
violent thunder shower at 5 PM  
& air cooler down to 66° in evening.

Helloungby

5 Sept  
Monday

With Mr Skinner in boat to Fern Cave,  
▽ inside cleft ▽ also to what  
Mr S. calls Raindrop Falls about  
a mile this side Sheffield Landing.  
This latter was a mountain brook  
over big rocks + I got several  
mosses *Xyllum ochraceum* +  
*cupressinum* + *umbrosum* +  
*Mnium subglobosum* + others.  
I think Mr Taxon had never been  
to this Brook + it is worth a long  
visit. Tried to find *Asplenium*  
*viride* on the ledge + slide where  
it was found but without  
success. At Fern Cave a slide  
had brought a lot of arborescent  
trees down where used to grow  
*Microstylis monophylla*. We got  
home to a late dinner + then I  
put away many wet mosses.

6<sup>th</sup> Sept  
Tuesday

Ame with Annie Loreng, her father, + Mr  
Mr Birch + Ruf Kellogg in team to  
Kanis place for *Audromeda polifolia*.  
Mr Loreng took several photos. Then  
through to Newark Road + on "earth  
cleft" spp where we come out got  
*Asplenium Tuckermanni*, then *Portulaca*  
+ down steep hills to our Long Point  
Road + out at Maple Grove home  
got *Mnium ledyana*, etc.

6 Sept

PM fixed my plants - then planted some *Andromeda* seeds in upper end of little Pond near *Pyrola rotundifolia* place & by path in bog. Then on rocky ridge for 170 ft - *Solidago* & *Slachy* & a pair of *Gaultheria procumbens*. On wet

7th Sept  
Wednesday

path got *Aster corniculatus*, no flowers, but at spot where R. L. got it in flower a few years ago. very warm in AM: I got some few things in garden & behind the cottage. PM. a violent shower which cooled the air & then in the evening was 59° -

8th Sept  
Thursday

To Bog & then out on road by the Snozgle. Got *Eleocharis intermedia* & five *Fissidens taxifolius* & *Mnium punctatum* in young fruit. On roadside *Aster prenanthoides* a novelty for this region: found it on East side of road at little bank just North of Snozgle & saw no other specimen. PM at work on my plants. Evening talking with

9th Sept  
Friday

Mr F. C. Churchill of Libanon N.H. AM at home till 11, then walked in the woods between house & lake. PM went down to Chase Bog & filled my

Box with *Aster rupestris*, also  
*Cladium mariscoides* & *Eleocharis alba*.  
 At 6.30 Sinclair came on his  
 wheel having brought it by train  
 to W.A. Junction to West Burke.

10<sup>th</sup> Sept  
 Saturday.

Cloudy foggy till 10 o'clock, then  
 Sinclair & I walked up the road to  
 a half mile beyond Roamy Brook:  
 home at 12. Talking with S. & Ha  
 & Rm & at 3.30 Sinclair started  
 for home I walking with him to  
 Sillan School House, then up to  
 Physalis Rock for *Bryum Outense*.  
 Sinclair took the 5.12 train at W.  
 Burke, arr. Junction at 8.40.

Parkie diving fr. Westmore here saw  
 this morning a Doe swimming in the  
 lake: it swam back to the Nat.  
 Hor side on noticing the carriage.

11<sup>th</sup> Sept  
 Sunday

at home all the morning arranging  
 plants. We walked along the  
 Cold Brook path & in pool by lake  
 or on logs in the old pool, found  
*Chamaecrista Americana* in good  
 fruit. Every sent Prof Sargent  
 fruit of both kinds of *Pyrus* &  
 wrote him & Farlow; found a large  
 worm feeding on the *Pyrus* that sim-  
 ulated well a long black piece.  
 Nothing took to the same.

1898

Monday  
12 Sept

Am with Mr & Miss Skinner to Marl Pond Bog & home by Ha Ha Spring & the road. Woods above the road.

PM to the old Bog by the head of lake where Mr Cheney has cut down most of the trees, & will evidently destroy the station for *Equisetum palustre* & other good things. Got a violet with 4 cleistogamous fls. on one of the runners. Evening at

6.30 Edith & Harry came over fr. Lebanon in buggy with pair.

13<sup>th</sup> Sept  
Tuesday.

Very beautiful day. at 9.30 up the mt. with Edith & Harry. Pulaski Rock at 10. Top at 10.55. No outlook at 11.15: then down path blazed last month to Roaring Brook or just North of it: got there at 12.10 last 500 feet poor & rough. Got a few tree mosses, reached home at 12.45 by the road. PM Harry went up the Lake in Steamboat, I found plants.

14 Sept  
Wednesday.

Harry & Edith left for home at 7.30.

Morning I went in pasture opp. the house & got mosses & sphagnum. PM. to Cold Brook up the hill to its source. Got fine *Myrica obtusum* 7 fls., & saw a very large cedar stump, wh. I shall measure.

Thursday  
15 Sept

Amm with Na along lake side to Echo  
Lake House at 12.30. Pm to Bog back  
of Hotel followed down the wine fence to  
Pearl Pond where Mr Skinner was  
sketching & got mosses on the edge  
of the rocks: very distinct current  
at Pearl Pond.

Friday  
16 Sept

Amm with Mr Skinner this the  
morning in the "Road", took the  
little Pond at head of Humphries  
Brook & followed the Brook to Road.  
*Xyane ussiforme* & a *Tortinalis*  
in the Brook at pasture crossing. Home  
at 12.30. All the Pm at work  
on my plants. Came home from  
Sutton Road in the pasture ridges  
had Sugar Road bushes & off at  
Sutton Road where I collected some.

17 Sept  
Saturday

Amm Nattie & I with the Skinner drove  
to Sutton Cemetery & woods opp. on  
Gilman's farm where Rice knew the  
*Dirca palustris* grew. We found  
it in a beautiful Sugar Grove. Also  
on Roadside flowering *Chrysanthemum*  
*Balsamita* var *tanacetoides* which I  
had never seen. Also 3 specimens  
of *Aster prenanthoides*. We came  
home at 12.30 & Pm I was at work  
on my plants & at 4.30 planted

101 1898

a root of *Aster prenanthoides* at edge of little wood on mowing land opp the snuggle close by a big rock & within the edge of the wood.

18 Sept  
Sunday

Very heavy rain all am, PM cleared up for a few hours with bright sunshine but did no Botany. Aurora last night.

19 Sept  
Monday

Am to the 1<sup>st</sup> Slide & got several things. *Saxifraga aizoides* in flower & *Paruassia* & *Lobelia Kalmii* & *Potentilla fruticosa*. Got two *Gymnostomum* in good fruit & a *Dicranum* without fruit but near *fragilifolium*. Also

two grasses that I can't name, an *Agrostis* with inflated sheaths & flowers (some of them) barely protruding beyond the sheath & what appears to be a small *Elymus*.

Back at 12.45 & PM at work on my plants.

Heavy NW wind all day. Ther 46° at 8 AM & 44° at 8 PM. Walked in morning along Lake Road & a little way up 4<sup>th</sup> July Slide, found *Elymus Canadense* in plenty. PM with Mr & Mrs Skinner to a point 100 paces beyond Echo

20 Sept  
~~Monday~~  
Tuesday

*Sporobolus vaginiflorus*

Rock then straight up the hill to the Garden at foot of Cliff: rather difficult but not as bad as I expected, very steep just below garden: we walked along whole length passing the masses of pure white granite? rock that fell last Spring. The old path by the base of the Cliff not discernible. Everything very dry & plants & mosses both scarce. The place could hardly be called a garden. *Artemisia Canadensis* & *Solidago* I think neglected all I brought down: saw also *Sax. oppositifolia*, *Polygonella fruticosa* this in flower, but no ferns or fruiting mosses. We came down by same route, arriving at road 50 feet south of where we went up. It took us 50 minutes to climb from Road to base of Cliff. We started up there one hour & home at 5.30.

21 Sept  
Wednesday

Very cold morning with ice on the water-pail. Walked with Mr. Miss Skinner to the 4th July Slide & up the slide direct, coming down thro' the woods to road at point 100 paces south of Slide. Got *Cornus circumscissata* in fruit & my unnamed



Agrostis: got very few mosses & tho I found my chunk in the Rocks where the Rubbers were did not find any Seligeria there. Sax. aizoides in blossom, also Solielia Kalmii. PM Mr S & I walked through Cold Brook path on the hill beyond measured the big Arbor Vitae stump cut many years ago. It was 10 ft 2 in in circumference 3 inches below the top: & 38 x 32 inches across. Had been cut abt 3 1/2 ft. fr. the ground. Went up the hill towards Mt Kor found some large Boulders, Limy crusted with various mosses.

22 Sept  
Thursday

AM we drove with the Skinners to the outlet of the Lake, stopping along the shore at Westmore rite Beach. Fine morning but did not get anything special. PM in the woods & pasture back of the house, plenty of Viola Selkirkii & Fragaria in blossom.

23 Sept  
Friday.

Rain all day. Did not go out. The Helianthus growing so plentifully abt the cottage by wall of kitchen garden is tuberosus & not annuus. It has now fl. buds on it, but they say

it never flowers up here, while the *H. annuus* is said never to sprout up spontaneously.

24 Sept  
Saturday

Heavy rain early in morning but at 9:30 Mr. S. & I walked to Roaring Brook & abt a mile beyond: the Falls were very fine from the great rain. Got *Elymus Canadensis* & *Rosa* by the Roadside at 4<sup>th</sup> July Slide.

PM went to Cold Brook & found it not much, in fact no bigger, than before the rain, but the empty dry gulch S. of it below the ridge had a very heavy brook flowing down, where yesterday was no water, & it was this we heard roaring while on the Lake shore road & not Clear Brook. Saw a very beautiful Poplar Tree.

25 Sept  
Sunday

Dull cold lowery day. Walked in AM to Green Tunnel on Bishops Brook with Mr. Thos. Skinner & was greatly taken with the picturesque beauty of the place; found *Diphyscium foliosum* in the Tunnel & lots of lots of Mosses which I must come again for. *Viola tricolor* var. *arvensis* & *Chamaejasme coccinea* from the old apple orchard - done. At home in PM.

158  
1898

26 Sept Monday Am down to Big Boulder & up in the wood on hill & got young firs & spruces to take home. Did not find a good Poplar. P.M. Went Mr & Mrs Miss Skinner & I to the Green Tunnel. Rice driving us to the 3 Maple Trees: found *Persea* run wild & also *Sorag*. It was a very beautiful afternoon & the Glen looked more lovely than yesterday: Went Mr Skinner was much pleased.

27 Sept Left Hill 7 am in cloud. 8.10 train at West Burke: Edith & Harry met us at W.R. junction & we drove to Fannier. P.M. I explored her pasture; *Guaphalum decurrens*, *Acalypha*, *Sirca*, *Hammamelis* in flower.

28 Sept. Plenty of *Helianthus tuberosus* at Fannier & in bloom along roadside. To Edith at 9: & home by the 3 o'clock train with a few *Ledum* mosses.



Found a few more tracks of  
 the muskrat in the snow. The  
 tracks were quite fresh and  
 some of the holes were  
 very deep. Saw a few  
 tracks of the beaver in the  
 snow. The beaver were  
 very busy building their  
 dams. Saw a few tracks of  
 the mink in the snow. The  
 mink were very active in  
 the snow. Saw a few tracks  
 of the fisher in the snow. The  
 fisher were very active in  
 the snow. Saw a few tracks  
 of the otter in the snow. The  
 otter were very active in  
 the snow. Saw a few tracks  
 of the marten in the snow. The  
 marten were very active in  
 the snow. Saw a few tracks  
 of the bobcat in the snow. The  
 bobcat were very active in  
 the snow. Saw a few tracks  
 of the lynx in the snow. The  
 lynx were very active in  
 the snow. Saw a few tracks  
 of the cougar in the snow. The  
 cougar were very active in  
 the snow. Saw a few tracks  
 of the jaguar in the snow. The  
 jaguar were very active in  
 the snow. Saw a few tracks  
 of the leopard in the snow. The  
 leopard were very active in  
 the snow. Saw a few tracks  
 of the cheetah in the snow. The  
 cheetah were very active in  
 the snow. Saw a few tracks  
 of the lion in the snow. The  
 lion were very active in  
 the snow. Saw a few tracks  
 of the tiger in the snow. The  
 tiger were very active in  
 the snow. Saw a few tracks  
 of the elephant in the snow. The  
 elephant were very active in  
 the snow. Saw a few tracks  
 of the rhinoceros in the snow. The  
 rhinoceros were very active in  
 the snow. Saw a few tracks  
 of the hippopotamus in the snow. The  
 hippopotamus were very active in  
 the snow. Saw a few tracks  
 of the gorilla in the snow. The  
 gorilla were very active in  
 the snow. Saw a few tracks  
 of the chimpanzee in the snow. The  
 chimpanzee were very active in  
 the snow. Saw a few tracks  
 of the orangutan in the snow. The  
 orangutan were very active in  
 the snow. Saw a few tracks  
 of the monkey in the snow. The  
 monkey were very active in  
 the snow. Saw a few tracks  
 of the squirrel in the snow. The  
 squirrel were very active in  
 the snow. Saw a few tracks  
 of the chipmunk in the snow. The  
 chipmunk were very active in  
 the snow. Saw a few tracks  
 of the mouse in the snow. The  
 mouse were very active in  
 the snow. Saw a few tracks  
 of the rat in the snow. The  
 rat were very active in  
 the snow. Saw a few tracks  
 of the rabbit in the snow. The  
 rabbit were very active in  
 the snow. Saw a few tracks  
 of the hare in the snow. The  
 hare were very active in  
 the snow. Saw a few tracks  
 of the deer in the snow. The  
 deer were very active in  
 the snow. Saw a few tracks  
 of the elk in the snow. The  
 elk were very active in  
 the snow. Saw a few tracks  
 of the moose in the snow. The  
 moose were very active in  
 the snow. Saw a few tracks  
 of the bison in the snow. The  
 bison were very active in  
 the snow. Saw a few tracks  
 of the buffalo in the snow. The  
 buffalo were very active in  
 the snow. Saw a few tracks  
 of the cow in the snow. The  
 cow were very active in  
 the snow. Saw a few tracks  
 of the horse in the snow. The  
 horse were very active in  
 the snow. Saw a few tracks  
 of the pig in the snow. The  
 pig were very active in  
 the snow. Saw a few tracks  
 of the sheep in the snow. The  
 sheep were very active in  
 the snow. Saw a few tracks  
 of the goat in the snow. The  
 goat were very active in  
 the snow. Saw a few tracks  
 of the cat in the snow. The  
 cat were very active in  
 the snow. Saw a few tracks  
 of the dog in the snow. The  
 dog were very active in  
 the snow. Saw a few tracks  
 of the bird in the snow. The  
 bird were very active in  
 the snow. Saw a few tracks  
 of the insect in the snow. The  
 insect were very active in  
 the snow. Saw a few tracks  
 of the plant in the snow. The  
 plant were very active in  
 the snow. Saw a few tracks  
 of the rock in the snow. The  
 rock were very active in  
 the snow. Saw a few tracks  
 of the water in the snow. The  
 water were very active in  
 the snow. Saw a few tracks  
 of the air in the snow. The  
 air were very active in  
 the snow. Saw a few tracks  
 of the earth in the snow. The  
 earth were very active in  
 the snow. Saw a few tracks  
 of the universe in the snow. The  
 universe were very active in  
 the snow.

29 Oct.

Up early to take the 8.10 train at  
West Bunker. Every bush -  
twig & blade of grass was laden  
with ice for the first two miles  
of the road & the effect of  
frozen ground was very  
obvious at many intervals  
the train was slow.

1898

Dec 25. Along the road between Big Blue Kill & Little Blue on the Reservation side got a *Dicranella* growing on or at roots of a bunch of chestnuts, which does not appear to be *heteromalla*, shall go there later for old fruit.

26 Dec. Went again to locate carefully the above & on the side of the hill brought home a bunch of glaucous blue *Thelia asprella*, and found in it also fruiting *Xyphium* ~~for~~ reptile and *Thuidium minimum*, the two fruits looking not unlike. also *Polytrichum Ohioense* R & C with old & very young fruit. the above moss is *Dicr. heteromalla*.

1899

Jan 22

at Pleasant  
Mountain

Waded with Melville & Mead along the Reservation out back of Esopus to the Crossman Pines track: got moss & some *Aspidium adnigrum* var. *schweinfurthii* with well defined lobes at base of pinnae & also *Dendrocladum obscurum*.

Jan 25

to Lebanon 5 P.M.

" 24

Drove to Alden Hall from Hotel: on walk up house, Entodon ~~old~~ *orky* on *Gymnomia spicata* in firm fruit.

1897

also taken February 20. *Leucis*  
*canadensis*

Jan 25. Brought Sinclair from Lebanon, N. H.

Feb 24. The snow-bird *Comptolopex* was  
 in the little pool in B. H. Reservation.  
 Met outside on "Antony" line & got  
 some *Thryomanes* birds, came back  
 when I found in last 20 May. Also  
 on the well known *Thryomanes*  
*Thryomanes* *Thryomanes* *Thryomanes*

# Florida March. 1899.

- 6<sup>th</sup> March Voted at town meeting Am. Left Boston one o'clock with Hawk & MK & arr. N.Y. at 6 P.M. at Manhattan Hotel.
- 7<sup>th</sup> March. Wild snow storm when we awoke. Left for Washington by the 7.50. Met on the train Mrs. Peckham wife of Justice Peckham of Washington. Arr 3.40. Leland met us & to Normandie Hotel.
- 8<sup>th</sup> March. Very cold in Washington. 22° at 10 A.M. Good sleeping in Penn Ave. snow much drifted in country not visited Library.
- 9<sup>th</sup> March. Still cold. Left at 5.45 on the Florida Limited for St Augustine.
- 10<sup>th</sup> March. At Columbia S.C. where I awoke. Savannah 9.25. St Augustine 2.45. Ponce de Leon Hotel.
- 11<sup>th</sup> March. Carriage to Anastasia Island & Beach. got a few *Meleagris*, *Thalia leucocoma* & *Thalia leucocoma*. Many birds, Blue herons & Pelicans. Walked in pm to the salt ponds. S.M. on bicycles.
- 12<sup>th</sup> March. Am. drove to Ponce de Leon Spring & by Rough Riders camp. S.M. on bicycles. Saw large white crane & Fish Hawks. The wacker abt town met Dr. H.D. Harker of Franklinville N.Y. who told the story investigation the cause of Gapes in chickens, a parasite in the earth-



mammie intestine, when eaten by chickens  
propagates & causes the disease.

13<sup>th</sup> Mch  
Monday.

Millie & I went to Ormond by train at  
8.50 returning two hours late at 8.30.  
Went to see what rooms we could get.  
could not find a trace of any *Bryum*  
*Sawyeri*. Very hot day. saw the  
Carolina Doves. Got a few mosses.

14<sup>th</sup> Mch  
Tuesday.

With Mr Donadugh & his daughter &  
niece Miss Smith all of Phila. whom  
we met yesterday on train coming up to  
Ormond. F.K. McK & I went to the  
Golf grounds & played. I did course  
in 71. Sk in 64, others nowhere. PM,  
I ex. some mosses particularly *Funaria*.  
Mr & Mrs Simes of Boston here have talked  
with them PM & evening.

15<sup>th</sup> Mch  
Wednesday.

Telegraphed to Concord that we  
should not come. Very warm day.  
At home reading David Barrow with H.

16<sup>th</sup> Mch  
Thursday

Am. Nature & I to drive about the town  
& the golf links where the family folks were  
playing. PM Sinclair took Mother  
& Miss D & Miss Sant in sail boat & I  
to golf links with McK. & Mr Donadugh.  
I did course in 61-

17<sup>th</sup> Mch  
Friday.

at home with H & Am. In PM  
we drove out on the road to the St Johns  
River abt 5 or 6 miles, & in swamps

at 22-24" flowers, three magnificents, *Sten-*  
*laria* & a few mosses. Jasmine also  
coming back: met Jean drawn by Hoke  
& small open on the swamp road.

18 March  
Sat.

Went to half nine & played Tournament  
with the Donahugh family. But I won  
the prize. PM at home & worked  
over a peculiar *Funaria* fr. Ormond.

19 March  
Sunday.

Went to Memorial Church & heard  
Mr. Gouigal. PM packing up & getting  
ready for Oklahoma trip.

20 March  
Monday.

Left at 10.40. Reached at 11.40. Dined  
at boat Metamora, Capt. Lansing. Left at 12.15.  
26 miles on the wide St John: cut Oklahoma  
4.30; saw an alligator on the St John before  
reaching Oklahoma: every heard the weird  
cry of the Linckin or Linckin a water bird.  
Met Mr. Harrison a supervisor for the Mich.  
Lumber Co at work on the stream & he agreed  
to send me mosses. Left at 10. Moonlight evening  
good. Lower cabins of boat must be too hot  
ordinarily, but there are dark skeletons or  
bones in the river - was very fine.  
Especially after Silver Springs run was  
about. Saw 15 or more alligators of all  
sizes, on stream along by the edge of the  
river in full light. A very large one asleep.  
Others clambered or rolled off the logs. Turkeys  
at 24 inches & 24-30 inches across.

A very fine yellow & white water lily  
 Spider lily, & big Thistles in Silver Spring Run  
 meadows. Garfish 3 ft long & many smaller  
 fish. Silver Spring falls margin on  
 the bottom, so it was disassembled & exposed  
 a floor of sand. River has now a great  
 current & the sand & gravel exposed by  
 several timber rafts in the narrow stream.  
 Saw no snakes. The Swamp tract is only  
 1-3 miles wide & the bottom varies  
 it is the common belief there is more  
 water than 50 years ago, but in fact  
 lived here 10 years & had never noticed change  
 in levels. It all comes in silver spring  
 another branch which runs 4 or 5 miles  
 north. The total trip is 143 miles.  
 Got off at a good landing in the morning  
 got on a few tracks. R.R. station at  
 Silver Spring on edge of the Spring Run  
 are 11.70 took train at 12.30 & etc.  
 Jacksonville 7.45. In 10 minutes left  
 Sinclair & Philia & the meadows on the side  
 passed into the timber lands.

22 March  
 Tuesday  
 Monday  
 Still came to at 7-8 miles  
 in Electric launch 30 minutes to the  
 other side & lunch at 11.30  
 with the Landings. Found  
 two more, the first one at  
 1.30.

[illegible]

Aug 6, 1909. E. W. GUDGER,  
Secretary

## THE TORREY BOTANICAL CLUB

THE meeting of May 26, 1900, was held at the museum of the New York Botanical Garden and was called to order at 3:30 P.M. by President Rusby. Thirty-four persons were present. After the reading and approval of the minutes of the preceding meeting, the scientific program was presented, the first contribution being made by the president, Dr. H. H. Rusby, who spoke of "The Earliest Spring Flowers in the Vicinity of Charleston, South Carolina."

The speaker's remarks were based on observations made between March 16 and March 23, 1909, at Summerville, which is about twenty-two miles northwest of Charleston. By a careful comparison of the state of vegetation there in March with that of New York and vicinity in May, it was concluded that there was a difference of eight or nine weeks this year in the progress of the season, though it is probable that in an ordinary year the difference would be about seven or eight weeks.

Summersville is noted for the existence there of Dr. Shepard's tea-gardens, the only tea plantation conducted on a commercial scale in this country. There are now about 100 acres of plantation in productive operation there, from which 12,000 to 15,000 pounds of tea are sold annually. Success has been obtained through an extensive series of experiments with all the known varieties of the tea plant. No attempt is made to compete with the Orient in the cheaper grades of tea, but in the more highly prized grades the Summersville product is already taking a leading rank.

The plants collected at Summerville by Dr. Rusby were then discussed and exhibited in groups, arranged according to habitat and time of flowering.

Dr. Britton in discussing Dr. Rusby's paper referred to the popular belief among the fruit-growers of Delaware that the spring advances

northward at the rate of thirteen miles a day—a belief that would seem to be supported by Dr. Rusby's observation that there is a difference of seven or eight weeks in the progress of the season between Summerville, S. C., and New York.

The second paper on the scientific program was by Dr. J. A. Shafer on "Botanizing in Cuba." Dr. Shafer was in northern Cuba from January 22 to May 6 of the present year in the interests of the New York Botanical Garden. He gave a popular account of his collecting experiences there and of the general floral features of the regions visited. Headquarters were established at La Gloria, Nuevitas and Holguin, and shorter visits were made to Gihara, Cacocum, Alto Cedro, Paso Estancia and Antilla.

One of the objects of the expedition was to ascertain whether the flora of northern Cuba had any relation to that of the adjoining Bahamas, which islands have been the subject of extensive floristic investigations by Dr. Britton and others; but on the northern mainland of Cuba one notes little relationship.

Cayo Guajaba, one of the chain of outlying northern islands, none of which seems to have been visited by botanists heretofore, probably on account of the difficulty of access, was examined at several points and was found to possess a very different flora from that of the mainland south of it, many of the species being Bahamian.

North of Nuevitas, the railroad to Camagüey passes through many miles of rather barren palm-covered savannas, through which an occasional stream passes, whose winding course can readily be made out by a fringe of green trees, overtopped by the graceful heads of the royal palm. From Camagüey to Holguín, a distance of about one hundred and fifty miles, one passes alternately through stretches of dry savannas, rich dense woods and fertile pastures.

Paso Estancia, towards Santiago, on the Cauto River, was made the last place from which extensive explorations were carried on. The river, which is the largest in Cuba, here passes between high bluffs made up of stratified limestone and clay or sand. It has many turns, with gravelly bars and sandy or muddy banks, and many things can be found there. The surrounding country is a dense forest, with a great variety of species.

After a discussion of Dr. Shafer's paper by Dr. and Mrs. Britton, Dr. Rusby and others, adjournment followed.

MARSHALL A. HOWE,  
*Secretary pro tem.*

about late at  
 at 5.20  
 about 400  
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 This is the  
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 4: 4 PM  
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 a tower  
 the boat is  
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 where the  
 is not quite  
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 7 to 10 days  
 : relation  
 ate parallel  
 200 ft. or  
 inlets; at  
 : small boats  
 in morning

171  
22<sup>nd</sup> March  
Wednesday

Left J. at 8.20. Charleston one hour late at 5.30. Train to Summerville at 6.25 - & arrive at 7.15. 1 1/2 m. to Pine Forest Sum. Had to Dr. Shephard Tea plantation & found his house in cultivating & curing Tea at 11 o'clock: then had a cup in his house & he gave each of his 12 auditors a little box say 'S. P. Tea'. This is the only place in U.S. where Tea is cultivated commercially. PM I walked about the town & got several mosses, a large Physcomitrium on edge of open stream -

25<sup>th</sup> March  
Sat.

We drove from to old fort at Dorchester on Ashley River. A ruined-cocquina like wall near a tower & a former brick church: the fort is on a bluff at angle of the Ashley said to be at head of navigation, the whole place was almost if not quite pre-revolutionary. Got several interesting mosses, on road trees in swamp & wall of 'Fort'. Also *Lycopodium alopecuroides*, *Chaptalia tomentosa* with its bilabiate corolla & *Houstonia patens*, of indigo blue. with *Jasminum* & *Azalea* & violets. *V. pinnatifida* very large & beautiful. Some small. The old house, formerly

115 799

Sunday  
26 March

L.A. M.K. came H. Jacksonville.  
Very close muggy day with heavy  
thunder shower at 7 am & occasional  
drops of rain all day. Ther 75° 7°  
all day & a real Dog Day. Did not  
go 100 yards fr. house, but got in  
the mowers fr. the back of the field.

Monday  
27 March

Hot sun day. Ther 75° & 60° in the  
half morning & 70° in the evening. In  
the place & garden. Pigeons were  
everywhere.

Tuesday  
28 March

Hot sun day. Ther 75° & 60° in the  
half morning & 70° in the evening. In  
the place & garden. Pigeons were  
everywhere. Got a new American  
down, which, like a 1000 other with  
them. *Prosera benevola*. P.M. spent the  
day in Charleston.

Wednesday  
29 March

Ther 45° at 10 am, but 60° at 10 am  
evening. Ther 60° at 10 am & 60° at 10 am  
in the place & garden.

Thursday  
30 March

Ther 37° at 10 am, but 60° at 10 am  
evening. Ther 60° at 10 am & 60° at 10 am  
in the place & garden.

Friday  
31 March

Hot sun day. Ther 75° & 60° in the  
half morning & 70° in the evening. In  
the place & garden. Pigeons were  
everywhere.

Saturday  
1 April

Hot sun day. Ther 75° & 60° in the  
half morning & 70° in the evening. In  
the place & garden. Pigeons were  
everywhere.

1193  
Fulton 1899

Wed 7. All water up Blue Hill to Cuxbun  
place + N.E. thro the woods to Reser. Road  
by C. Holcott Round Tank Woodville.  
In stones in a little runway near the  
Res. Road? found Thuidium  
in very good fruit. saw I think fr.  
saw Cladonia + Lycopodium etc.

Monday  
May 1.

Thurs. 1st day. Record in Boston 89.3  
Drove in Concord wagon with me I  
thro Newburyport by Fox Sparrow  
road to New Lodge - by Masham  
road road to Dedham road - to  
Perquimans, through it to Everett  
- then by Dedham road Elm St  
- then St. after the road late  
quite interesting some looking into  
Lynx etc. Saw in full flower  
L. a. *umbellata*, *pedata*, *clavata*,  
*umbellata*, *umbellata*, *umbellata*,  
Also *A. alba* n. from sandy road-  
side at Masham road + Cross  
road at type not var. *var. p.*  
very good. *Lycopodium* -  
collected a *Lycopodium*: at + the  
I went on way to New. Meadow  
- not small. *umbellata* with the  
clavate hairs of *Cladonia* the  
details: worth further study.



120 1899

Tuesday. Cold N.E. day. Ther 58°. Drove to  
May 2 Reservation to Hillside & - over  
the Blue Hill dome. Got several  
*Sagittata* violets - found they  
all had acute densely packed  
hairs on lateral petals, none  
had clavate hairs. Two fine  
specimens had no visible rootstock.  
I pressed them solid, but I  
find more shall section the stout.  
*Saxifraga* trees in fine flower -  
plenty also. One I worked  
up the literature of the bearded hills  
of ~~the north~~ - first Darlington alone  
thinks of them as clavate. *Epilobium*  
calls them glandular, while  
Pursh & Nuttall & Torrey do not dis-  
tinguish them - Torrey, under *Epilobium*  
form *ppalmata* calls them "glandular  
clavate".

May 6 Sunday  
Touald came to dinner & we walked  
to top of Blue Hill. Got the  
small *amurensis* in fine flower  
+ *Dieracium fulvum*.

May 11 Thursday  
Drove with H. to Purgatory:  
*Carex varia* (diff. fr. *albicans*)  
*C. Pennsylvanica*, umbellata,  
*Erigeron bellidifolius*, *Hypericella*,  
+ on the road to some by

marshy Grove *Prenes cuneata* Raf.  
 + *Pennsylvanica* each in fine flower  
 each two feet high esp. in Herb.  
*Trilium cernuum* + *Holc pubescens* on  
 top of narrow path, somewhat sand,  
 so that this yellow violet is not  
 in blossom on May 1st as the  
 others got on that day were in  
 same place as this.

12 May  
 Friday

Drove in Sun to Hoose Pond & to the  
 Blue Hill River exposed & then by  
 hillside to the Reservation Road  
 & by it to Randolph Ave, Forest St  
 Harlan St home. Got *Antennaria*  
 + *Carex varia* & large violets,  
 + *Decurren fulvum* in fruit.

14 May  
 Sunday

Drove with the family in two cars to  
 Purgatory. Got *Carex proserp* on  
 dry hill opp. the little spring, also  
 finding *Thuidium* in bog by spring  
 and on the S.E. side of the Great Spring  
 saw a fresh cow dung which I  
 shall examine later for *Scladum*.  
*Carex latifolia* & violets and  
*fragaria* in the wettest mudhole.  
*Sax. fraga Pennsylvanica* - *Ribes*  
~~repens~~ *repens* and *Carex varia*  
 more advanced than last Sunday.

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15 May  
- Thursday

With ad Hodges Jr by train to Ellis station.  
tracked up the Brook through grounds  
of Park of Electric RR Co & to Mr  
Cameron Forbes farm & back to  
road again on North side of the  
Park fence. Benjamin in young  
fruit, Isoetes in a dry pond.

then across RR & towards Purgatory.  
Into the meadow & then to woods  
to eat lunch by brooklet under  
the Bank where *Equisetum hiemale*  
grows & along the edge of wood &  
out to the Big Spring, then back  
by wood roads & Everett St to station  
at 4:39 & train to Readville.

*Cornus Canadensis*, *Trollius erythro-*  
*carpum*, *Clintonia borealis*,  
*Urtica sessilifolia*, *Polygonatum*  
*biflorum*, *Trollius cernuus*,  
*Maranthaceae Canadense*, *Juncus* Cana-  
densis in <sup>good</sup> flower, *Carex penella*,  
*Cypripedium*, *Aquilegia Canadensis*,  
*Aralia trifolia* with umbellules.  
*Cardamine rhomboides*, *Elocharis*  
*terrestris*, *Carex trisperma*, five seedlings  
of *Symphlocarpus foetidus*, *Carex laxiflora*  
var. *stratula*, *Ranunculus bulbosus*,  
*Equisetum hiemale* & *sylvaticum*,  
*Barbarea vulgaris* and a new

Sauraceae wh. I took for *Q. lindera*  
but does not agree with my spec.

*Quercus prinoides*

16 May  
Tuesday

PM drove with man thro Washburn  
Grove Road + then down the road  
road opp it on Deodham Road: it led  
down to Purgatory Brook in the  
meadow a distance of say  $\frac{3}{4}$  mile.  
Found *Calla palustris*, *Carex*  
*canadensis*, *Stemopanthus* +  
several good fruiting *Hypnum*  
+ *Aulacomnium palustre*.

Many piles of meadow hay had  
lain thro the winter + the  
*Symphlocarpus* had grown up  
through them, quite bleached  
like celery, + the spathes had  
been almost completely eaten  
away by small animals. A  
great place of *Carex* next month.

18 May  
Thursday

PM. walked thro Wild Cat Notch to  
hillside St + by the path up to side of  
Blue Hill n-top + down road home.  
Did not find *Arabis Canadensis*: got  
*Ranunculus micranthus* Nutt, near  
top of hill, + fine *Saxifraga* flowers +  
a white *Andropogon* + *Prostem* in  
bed near top, with *Carex* in many  
forms and a curious *Bryum* from near  
the top of the hill.

19 May  
Friday.

PM drove with Sinclair into the wood road on farm st leading towards Poutkapag. In the woods found fine *Gaultheria*, *Cyrtopodium pubescens* in flower & in the Cranberry meadow, which I named the Moors found *Cassiope* & *Rhodora* in fine flower. Under the trees in the woods on little path *Buxbaumia* in prime condition. Home through Pecuni St.

20 May  
Sat.

Behind the house in Alder & Muskeg lot. *Carex paucica*, *maculosa*, *pallidescens*, *skipata*, *Polytrichum stricta*, *rigida* var *goudotianum* & a young *Lupinus* var *pedunculata*. *Ranunculus acris* & *Rubus* in flower.

24 May  
Wednesday

Behind the Elkus Ho in three diff places PM to Poutkapag Pond with Kelly: *Anethusa bulbosa*, *Carex filiformis*, *canescens* large & small form, *utriculata*: *Viola lanceolata* & *pubescens* the latter under the pine trees of the grove at Wentworth. *Eriophorum gracile*. Scaud up two wild geese on the point which circled round & came back to West end of the pond. Sinclair came up with his canoe when we had been there abt half an hour.

1899

125

20 May  
Friday.

Mr Hodge, came fr Cambridge 7.18 train  
at 9 we drove to Purgatory taking  
Kelly to look after horse & wagon.

*Carex umbellata* again on the  
Washburn Grove road, then across  
Deobam Road & by wood road to  
meadows. Men were burning the  
grass across the Brook. on road  
down got *Rhododendron nudiflorum*  
in flower with leaves well developed.

*Potentilla Canadensis* on wet  
side of road very silvery hairy.  
*Viola prunellae-folia* on side of  
Purgatory Brook, & in meadow  
*alopecurus geniculatus*, *Carex*  
*sterilis fusca*, (this new to me)  
& *bullata* & *Eriochloa tenuis*  
young and very glaucous.

Other meadow carices will soon  
make this a rich field. Then  
we went back to the horse at road  
& drove to the entrance of Purgatory  
(at old place) & left Kelly horse  
while we went to Picnic Brook  
shrubbed then walked the wagon  
to the meadow again over a very  
strong bridge at the Brook:  
*Iris versicolor*, *Carex debilis* var  
*Rudgii*, *Carpinus caroliniana*.

*Rhododendron nudiflorum* in flower  
 with no leaves, *Geranium vivale*, *Cardamine*  
*rhomboides*, *Tanacetum arvensis*, *Emulacrum*  
*biflora*, *Medeola virginiana*, *Viola*  
 in a large 4 x 3 ft bed under the  
 trees near & opp the Hemlock grove  
 (that is East of path going to brook,  
 seems to be *Selkirkii*: on the  
 dry meadow other side of brook.  
*Carex conoidea* 5 or 6 inches high,  
 forming *Rhynchospora fusca* & at  
 brook *Ranunculus aquatilis* var *tricho-*  
*phyllus* and good abortives &  
*Pyrus arbutifolia* and *Viburnum*  
*Lurida* in bud, almost in flower.  
 In the Hemlock wood on the path  
*Lycopodium lucidulum*, & *Phegopteris*  
*Dryopteris* & *Trillium corymbosum*  
*scerum* both plentiful, *Trenula*  
 & *Utricularia sessilifolia* & *Medeola*,  
 when we came back to Kelly we  
 turned into the big Hemlock woods  
 for a few moments. *Cypripedium pubescens* &  
*Cistaria alba* & *Utricularia Canadensis*  
 under the big trees. The *Bobolinks*  
 were very plenty on the meadow.  
 The day was very fine cool wind  
 & warm sun.

1899

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28 May  
Sunday.

Ablt the place & to meadow behind  
Elkins ho. got young fruit of *Polygonum*  
*laevifolium*.

29 May  
Monday.

Drove with A.D.H. to Pecuni St &  
Stoughton Turnpike & road road to  
Indian Lane & house past Mr.  
Pam Tucker house.

30 May.

Drove with A.D.H. to Washburn's  
Grove via Green Lodge & up to & thro  
the Grove by farm road to Forbes farm  
on Sherman Road: then by various  
irregular roads, to Pond & again to  
Pond then along Everett St & turned  
in opp. Lounney St & to pasture towards  
the Ellis station & thro regular Purgatory  
to take stoppage at Little Spring &  
going also down Mr. Faxon's old  
Purgatory path fr. Hemlock Grove:  
then to take back again by hill path  
to 2<sup>nd</sup> Pond & along south to old road  
fenced off, leading to Everett St &  
back again to Lake & out by  
high to the new house.

*Linnaea borealis* in Green Lodge  
wood, *Oxalis stricta*, *Potentilla*  
*anemone* a large erect form  
*Carex lasiocarpa*, *Carex flacca gracilior*  
*nutans*, *Geranium* *triflorum*.  
*Viola Muhlbergii*



1899

31 May

Ther 83° at noon. In pm walked to top of Blue Hill by path to Kellside St + along that street to Houghs Falls + then by path to Reser. road + Canton Ave. *Carex acutata* under big white oak opp Claytons House. *Deschampsia flexuosa*, *Sium laema racemosa*, *aphyllon uniflorum*, *Carex costellata* Britt. *Ranunculus micranthus* in fruit on E. slope of the hill also *R. Alleghaniensis*, *Asclepias quadrifolia*, *Eatonia Dudleyi*, *Stipa avenacea*, *Carex rosea* var *retroflexa*, *Cephalophora*, *rosa*, *digitalis*, *Laxiflora* var *piculifolia*, *Panicum depauperatum* + two others wh. I missed, *Houstonia missouriensis* var *laevifolia*, *Cornus alternifolia*, *Rubus occidentalis*, *Helianthus Canadense*, *Sarcocolla Marylandica* (red) and very young, *Danthonia spicata*.

June 2

Went with Kelly in AM in the Park, mostly in section H on my map, South of Buck Hill, following road roads. *Syrnchum Atlanticum* in wet place + " *angustifolium* in dry place. *Viburnum acerifolium*, *Smilax herbacea*, *Gaylussacia frondosa* + *resinosa*, *Corydalis glauca*, *Aralia nudicaulis*, *Comandra umbellata*, *Xeracium venosum* + *Rumex crispus* Gray.

met a mother partridge with ten little ones, & heard another hen partridge calling her little ones but did not see her. Cuts burying a milk adder.

June 3  
Sat.

with Kelly in team to Purgatory, via Green Dodge, Washburn, grove road - road to Forbes farm, *Kalmia angustifolia* Everett St to RR & stopped at the meadow to look for *Pastellia*, did not find it, but did find *Ussastrum officinale* in flower, *Carex mobile* very fine & a hybrid? *mobile* x *lurida*, with a very *hystrixina* but quite smooth, *Carex intenos* & *utriculata*, back along Everett St and at pond hole beside footpath *Ranunculus multifidus* & *Veronica scutellata*: back to Eatons & put up the horse & walked in by the two ponds & to roadway at Lule Spring & along the woods at edge it swamps to great spring. *Cornus Canadensis*, *Carex uterumensis*? Lunched at Big Spring, took a Fontinalis which looked very large in the clear water. Sprinkled water on my cow dung which looks as if it would not produce any *Asplachnum*. Down the

brook to same place & by path to the  
 Big meadow. Searching my localities  
 Selkirkii patch 1 20 May found  
 two flowers which prove it to be  
*Viola blanda* var *salustiformis*  
 new to me. On the meadow  
*Carex flava* var *graminis*, monile  
 with regular six sided spikes, better  
*florida stricta* var *angustata*.  
 The brook has ~~the~~ beds of the white  
 butterfly & *Eleocharis acicularis* &  
*Rudwigia* in the mud & shore.  
*Arenaria heterophylla* & *Cardamine*  
*Pennsylvanica* in the meadow, and  
*Sisyrinchium atlanticum*. Followed  
 the new wire fence back to wood road  
*Carex digitalis* & *laxiflora* var *strickula*.  
 & *Botrychium Virginicum* & *Pyrola*  
*chlorantha* in bed. Having got the  
 horse turned into wood road at left  
 top of the hill & came out on Hasbun  
 Grove road foot of the color oak hill,  
 not without difficulties, cutting some  
 with axe. In here found what  
 appears may be *Carex florta* brought  
 home bunch of *Lupinus perennis*.

1899

June 5  
Monday.

Hot day with S.W. wind. Went down the hill through our lawn to Mr. Holcott's to the meadow behind cellar lot. Ther 92° when I left house at 2 P.M. and 87° on my return at 4.20.

Noted *Verbascum dentatum*, *Senecio rotundifolia*, *Potentilla palustris*, *Rosa lucida*, *Carex strobilis*, *Cephalanthus*, *Scutellaria autumnalis*, *Utricularia vulgaris*, *Glyceria nervata*, *Carex filiformis*, *Salix myrsinoides*, *Carex stricta* & *filiformis fusca*. *Glyceria fluitans*, *Poa serotina* & *Equisetum limosum*.

June 7  
Wednesday

After several hot days, came an East wind this morning & the. at 5 A.M. dropped from 80 to 56° & has remained below 60° all day. P.M. walked up Blue Hill & part way down South side. Thunder rolling sent me towards the top & I walked down in a gentle refreshing rain, the drops sounding loud among the trees. *Verbascum acrofolium* every where in bloom. *Diervilla bifida*, *Melampyrum canadense*, *Carex verescens* and on top of the mt among rocks *Asplenium platyneuron* & *Cornus circinnata* in fl.

also *Deschampsia flexuosa* the little  
 red Mountain yarrow & *Danthonia*  
*spicata*. Down the slope  
*Stipa avenacea* quite common &  
 many beautiful *Asclepias quadrifolia*  
 & *Senecio* among the rocks: an *Asclepias*  
 with *Asps* long pedicelled & blunt leaves,  
 & *Legustrum vulgare* quite wild  
*Panicum latifolium* in fine shape  
 & *Thalassium* I supp. *purpurascens*  
*Scirpus planifolius* & *Carex rostrata*  
 & *Trochium* with its flowers fallen.  
 & a smooth *Poa*, probably *compressa*  
 but with 3 nerved glumes? *Koeleria*,  
 but no doubt *compressa* acc to Hooker.

June 8.

Day hot again. 90° in P.M. In our  
 land in fine *Viburnum dentatum* in  
 full flower and examined the hairy  
 leafy ripe buds of *Polygala pauciflora*

June 9  
 Friday

Ther 75°. P.M. down by our little brook  
 & Elkins land to lower part of Brook  
 in wet pasture curious *crinita* &  
*stipata*, looking as if hybrids.  
 also *viridescens*, *interior*, *rigida* var  
*strictifolius* and var *Goodenowii*,  
 & *C. stricta* var *decora*, & very large  
*ovellata*, *lunda*, *pallidus*,  
*peruviana*, *montana*, *Rumex crispus*

*Brumella vulgaris*, *Trifolium* <sup>*pratense*</sup> ~~*repens*~~  
*Solanum Dulcamara*, *Halenia laevigata*.

June 11  
 Sunday.

Wilmington: Hal & I left Boston 9 am  
 with Rich & Williams. Mr. Moore  
 joined us at Westford. We went  
 to Silver Lake a flag station at Wilmington.  
 Bag close to station & Silver Lake half  
 a mile away. Then walked down the  
 ice house track to main track & across  
 RR + met place thru & through wood road to  
 highway, then turned to left & at  
 School house took right hand round  
 about a mile to Xanthoxylum &  
 asarum place on left of road & ate  
 our lunch under a very fine Hemlock  
 70 feet high and 13 ft circumference  
 on the right of road, then across by a  
 wood road the single road we had  
 come to Electric car Road & across by  
 the cranberry Bog side & through  
 dense thickets to wood road we came  
 on & along that to little bridge over  
 wet place by RR perhaps old bed of  
 Middlesex canal & again in the bog  
 by station. Left at 4.45. Boston 5.32.  
 6.30 Hyde Park Electric at Forest Hills  
 home 7.10. Fine *Arctura* in bog  
 by station - *Rosa nitida*

*Pogonia ophroglossoides*, *Carex pilifolia*,  
*Iris prismatica*, *Cranberry*, *Carex*  
*flava* var *graminis* & *strepida* *bellata*  
*tuberculata* & *folliculata*; a  
 very hairy wide leaved *Danthonia*  
*Nymphaea* *lutea* *Carex* *atlantica* &  
*inferior* & *sterilis* & *canadensis* &  
 var *polystachya* *Potamogeton* *nor-*  
*vegicus* & *simplex*, *Casium* *canad.*,  
*Sisymbrium altissimum*, *Echinops*  
*lobatus* with corydons, *Infolium repens*  
*Panicum comutatum* and the  
 other other *Panics*. *Oryzopsis Can-*  
*adensis* in the woods, *Carex vesicata*  
 in many odd forms & *Muhlenbergia*,  
*pusillula* or young fruit of *Xanthoxylum*  
 & *Asarum canadense*, *Festuca elatior*  
*Carex fusca*, *Lepidium interale*,  
*Calamagrostis canadensis*  
 & *Oenothera biennis* & *Panicum*  
*scoparium*.

15 June  
 Thursday.

With William drove in Blue Hill Park.  
 Explored the Cow Hollow Br. Glen &  
 then by the roadway marked via  
 Breakneck ledge to the back of sem.  
 land almost down to Crossmans Ponds  
 & home by the roadway near the Res.  
 fence. *Urtica alba* young fruit:  
*Lysimachia quadrifolia*: *Scirpus*

1871

*Asclepias tuberosa* Schwein  
Brown Cow Hollow

*blanifolius*, + a *Carex* prob. *varia*;  
*Juncus tenuis*, *Carex straminea*;  
*Brachyelytrum*: *Mitchella repens*,  
*Asclepias quadrifolia* *Carex digitalis*;  
*Verb. lobrusca*; *Arenumella frond*;  
*Galium lanceolatum*. *Carex cephaloidea* with peculiar large rootstock  
lax culms: *Rosa vac. retroflexa*;  
*Rosa rubiginosa* very fine on  
Red Cedar tree in back part of  
Mrs. Kimmey's land.

19 June

Monday

Went with Kelly to learn thro Mr. Kimmey's land, Fox & Sparrow path to Green Lodge Road Washburn grove to Deobam Road + right across it to the long path to the meadow, came back at 4 on account of threatening thunder. The *Symphylum* was in blossom in Fox & Sparrow path + among the high pines near Green Lodge I picked 20 fine *Habenaria fimbriata* for house not botanical specimens. On Washburn's land *Asclepias tuberosa*, never saw it except at Wareham: *Carex foenea*, *Panicum latifolium*, *Pyrola chlorantha* - fine flower: just at entrance to long path to Purgatory meadow by Hemlock trees on the left Woodwardia *virginica*.



1899.

*Alopecurus geniculatus* in the  
meadow, *Glyceria Canadensis* -  
fluitans, the latter almost ripe;  
*Carex vulpynoides*, *Juncus infidus*,  
a very lax *Glyceria elongata*,  
*Carex fusca* in *terres capillares*.  
at Green Lodge on way home a *Gorse*  
*Sambuca Marylandica* & *Cornus*  
*sericea* & by Mr. Chaplin's house  
*Rumex obtusifolius*.

21 June  
Wednesday

Drove with Kelly fr 8-1. Green Lodge  
Road Washburn Grove Road & crossed  
two of the roads leading thence to river meadow  
named one *Via Favorita*, a grassy  
road through woods to a picnic place  
near meadow. Then to Purgatory at  
Hemlock Grove - got many specimens  
of *Carex psychocarpa* - some *depressa*.  
went to Great Spring to look at the  
Cow Dung - then home.

*Cerastium viscosum*? on *Via Favorita*  
on meadow near there *Agropyrum*  
*caninum*? *Carex stricta* *depressa*  
*Agrostis scabra* - *Rosa vilida*.  
at Purgatory. *Galium triflorum*  
*Carex digitalis*. *Asclepias tuberosa*  
*Mitchella* for its large flowers -  
*Drosera rotundifolia* " " " leaves  
old *Oryzopsis asperifolia*

*Eriogonum stenosus*, *Carex laxiculmis*,  
*Straminea murabilis*, inferior *capillaris*,  
*triflorus*. On roadside *Asclep-*  
*ias Coruini* & *Trifolium agrarium*.  
 In via favorita a *Carex Penn.* in  
 clumps & hardly stoloniferous, very  
 pale but with narrow or involute lvs.  
 In wet meadow that Washburn is  
 reclaiming close to the Greenlodge road  
 a *Carex stricta* X and *Straminea*  
*veralata* quite ripe, and a  
 bristly young *Brassica* with pink  
 flowers.

22 June

With Kelly in Team Green Lodge & along  
 to Davenport corner where we took  
 road road thro gate & by rocky woods  
 & came out on Deham Road not far  
 west of Everett St. In wet meadow  
 not far beyond Washburn on So. side  
 of Greenlodge Road found a Cross  
 between *Carex stricta* & *lurida*:  
 the first I saw was in a clump of  
*stricta* & looked queer enough. I  
 took a dozen or more & gave many  
 kept many three. Went to  
 Ellis station & to small dried up  
 pond near Westwood park that  
 I visited ~~from~~ May 15. Got ripe  
 tracks, evidently no water for it

this year, also *Gratiola aurea*, *Agrostis*  
*canina*, *Alopecurus geniculatus*,  
*Ludwigia palustris*, *Eleocharis*  
*aliquosum*, then back to Purgatory  
 from Little Spring by the road to  
 Great Spring: *Sassafras* quite  
 young and pale in the deep woods.  
*Carex cephalodes*, *Senecio*  
 + a very large clump of *digitalis* -  
 red *varia* from which I got the  
 former *varia*. *Juncus acuminatus*,  
*Andromeda ligustrina*, *Skellaria*  
*graminea*, *Scirpus atrocinctus*,  
*Ilex laevigata*. And in  
 meadow by Ellis station *Hypericum*  
*ellipticum*.

26 June  
Monday

Drove PM with Hawk thro. River Road  
 Forest St. Harland St. home. Tried  
 to find *Liparis* on Harland St.  
 Found *Rhododendrum viscosum* &  
*Quercus coccinea*, *Danthonia*  
*compressa* + *Ceanothus* in fine  
 bud looking as if in flower.

27 June  
Tuesday

Drove with Kelly by East Milton station  
 + up road by Ice Pond + to West Spring  
 quarries to see Mr. Simpson, the  
 chairman of Selectmen abt. Parkway:  
 came home by Ballard St. + through  
 the River Road over Cheekamut Mt.

Did not leave the roadside at all but  
got the foll.-pls. *Linaria vulgaris*  
*Anthemis Cotula*, *Helianthemum majus*,  
*Hypericum perforatum*, *Stomum. Cardiac*,  
*Nepeta Cataracta*, *Epilobium angustifolium*  
on dry hillside, *Asclepias physaloides*,  
*Rhododendron viscosum*, *Pastinaca*  
*sativa*, *Geranium marianum*, *Typha*  
*angustifolia*, *Carex straminea* & *scirpus*.

30 June  
1899.

In owl land by the Little Pond got  
up four of *Polygala paucifolia*: one  
or two pods just opening & seeds within  
some open & seeds on the ground.  
Ripe pod of same pale whitish  
green as when not ripe, but  
seeds dark color & not so thickly  
hairy as when young; the tripartite  
caruncle white & prominent on the  
dark seed. Cleistogamous flowers  
also ripe & capsules more  
persistent on plant. Pods usually  
shake off at slightest touch.

1 July

with Kelly thro Washburns Road  
*Asclepias tuberosa* not yet in bloom.  
then by opp road of Dewham Road  
the "Long Path" to Purgatory meadow.  
*Silene Canadense* here 10 feet high  
& 10 flowered, but leaves with rough  
edge & midrib. *Scirpus atrovirens*

only one species on the meadows:  
*Elyochloa tenuis* more than ripe.  
*Carex tribuloides*, *crispata*,  
*Polygala sanguinea*, *leucomaculata*,  
*Agrostis carina* making large red brown patches in the meadow  
*Carex bullata* *serotina* & *interior capillaris*, *Polygonum hydropiper* and what I suppose is *Sium*  
*Sium ilicifolia* a tree 15 feet high by the long path in the wettest place near the *Calla palustris* ditch & near it a *Tupelo*. *Rubus Canadensis*  
 + at end of long path on Scotchman Road in dry gravel *Spergularia rubra*.

July 2  
 Sunday

Drove with H. K. by Sauganash River  
 through Green Lodge road: on side of the dry gravel road on hill before you reach farms on Green Lodge Road & back of Mansions found *Lysimachia producta*, small.

July 3

To North Scituate with H. K. to see Edith.  
*Carex pantherocarpa* in dry field near Cliff House. *Juncus tenuis*, *Artemisia*  
*Silene*, *Campanula*, *Campanula*, *Scilla*, *Glyceria Canadensis*, *Koeleria Canadensis*,  
*Lysimachia stricta*, *Calamagrostis Canadensis*, *Arenaria*, *Asteriflora*,  
*Potentilla anserina*, *Scilla*.

maritimus, *Spartina cynosuroides* &  
*rupestris*, *Hordeolaceae* *tenacalis*, *Carex*  
*straminea* var. *laevigata*, *Elyochloa*  
*solustis*, *Carex* *alata*, *Juncus*  
*Greenii*, *Gerardi*, *Panicum* *distans*  
 & *maritima*, *Agropyrum* *repens*, in  
 salt marsh & seedling *Salicornia*,  
*Loucheux* *coronatus* & *Sagittaria* *america*.

July 5

Drove to Westwood & Deobam road  
 via Green Lodge for my *Asclepias*  
*obtusifolia* wh. was in fine flower,  
 & in the dry woods along Washburn  
 path and on Via Favonta *Carex*  
*albulatensis* (near meadow) with  
*Pseudotsuga* *vireosum* very fine:  
*Chimaphila* *umbellata*, *Monotropa*  
*uniflora*, *Comandra* *umbellata* fruit,  
*Galium* *virgatum*, very pilose,  
*Pyrola* *rotundifolia*, *Danthonia*  
*spicata* a hairy form, *Aralia*  
*nudicaulis* in the dry woods and on  
 Green Lodge Road *Gum* *album* &  
*Carex* *crustacea* & *Bridelia*.

Montana  
 mosses  
 July  
 Sunday.

J. M. Holzinger sent me 68 envelopes  
 N. W. Montana mosses, price 3.00.  
 very good specimens.  
 E. Williams came out before  
 dinner we walked up the Blue Hill  
 path looking for fruit of *Amelanchier*.

spicata which we did not find.  
 I got *Linum Virginicum*, *Carex foenea*,  
*Rumex cuneata* & Pennsylv. frut.,  
 the latter a shrub 2 ft high.  
*Hypericum Canadense* & *Trichium*.  
*Juncus tenuis*. 2 ft high.

10 July

Went up Blue Hill 10-12 AM & got  
 many spec. of *Amelanchier spicata*  
 also in the Baggy flat place  
 North of the road on top. *Carex*  
*straminea* var. *brevior*, & the *Clethra*  
 was just beginning to flower.

*Thalictrum purpurascens* in fruit.  
*Juncus dichotomus*, a curious  
*Panicum* in same dry bog place.

12 July

*Hieracium marianum* & *Carex cephalophora*  
 Drove with Kelly to Labrador Bay on  
 Peckers land off road near Tuckers.  
*Habenaria lacea*, large berries  
*Amelanchier botryopum* bushes  
 to 8 ft high. *Salix discolor* which  
 I at first thought might be *caudata*.  
*Spiraea salicifolia*, *Scirpus*  
*atrocaeruleus*, *Aster cadulus* &  
 very fine large tough. *Carex*  
*atlantica*, *Eriophorum squarrosum*  
 + same with white head, a  
 small *Eupatorium*, in fruit when  
 one ft high edges of the leaves

bordered with a red line & leaves  
all opposite, a small *Leucifolium*.  
*Sarcocarpus corymbosus* - *Carex*  
*alata*: on roadside by Hoxie  
Club. *Campanula capunculoides*  
- *Asclepias tuberosa* with  
spals not reflexed a sport -  
*Helianthus divaricatus* - *Baptisia*  
*fruticosa*:

17 July

Drove with Kelly, round Kildee &  
by road and at edge of Reservation  
in with a Hoxie pond: followed  
the Brook out of Reservation 100 ft  
into a little Boggy meadow.  
*Mimulus ringens*, *Asclepias incarnata*  
var *bulbosa*, *Peltandra virginica*  
*Cyperus dentatus*, *Sparaganium*  
*and* *melantherum* *Physocarpus glauca*  
*Piperaanthemum nudicaule*, *Potentilla*  
*cordata* *Rhexia virginica* & on Kildee  
St *Gerardia flavo*. *Engelmia pinnatifida*  
*penstemon* *biennis*.

18 July

At Prairie, Rd with 300 ft to the S. taken  
On Blackstone Boulevard near the  
Butler Hospital found *Carex*  
*musculosorum* var *enervis*, *Oxalis*  
*xanthocarpa* very small, *Euphorbia*  
*maculata*, *Scleranthus annuus*  
& in a damp spot *Hypericum maculatum*



1899

to West Roxbury

July 14

Wrote I drove to Mrs Baker's to lunch.  
In Grou's Woods on West St a small  
form *Carex crinita* & in the  
Reservation carriage drive on  
our way home *Aspella Hystrix*.

July 20

With Judge Churchill & Mr Rich  
by the 12:31 train to Walpole at 1.06.  
Tracked down the track say  $\frac{3}{4}$  of a mile  
to second street crossing on a bridge.  
Went down the side of RR to road &  
Easterly to next highway & at once  
met lane or way that took us to  
the slate mill, where a man was  
at work polishing slate with sand  
water for curbing use. A fine  
spring by March frequent bath.  
S.W. of the slate mill. The swamp  
begins right here & is very soft when  
the spring. We went along the wood-  
road by edge of swamp & passed  
one trail or path into the swamp.  
But took the second, it is not  
easily noticed though plain  
enough when you are in it.  
I broke off the tops of two young  
oaks on right hand side of trail  
when we entered it & a small  
white pine is directly opposite.  
The trail led in abt 50 feet

Walpole

*unpalatable & probably exsiccated*

to a dense grove of *Rhododendrons*, quite like a Florida mangrove patch. The trail is much worn & easily followed & broken limbs and flowers of the *Rhododendron* were quite in evidence on the path. We found some new *Osmorhiza* but they were mostly gone. We went quite across the swamp by this trail & then back again. Found *Mezostylis oblongifolia*, just beyond the *Rhododendrons* trail. Came back —

ORDER NEW BOOK

From Number inside front Cover.

HOOPER, LEWIS & CO.,

8 Milk Street, BOSTON.

the edge of swamp on way

to a thugle mill at

end of road near this got *Eumlaena trifolia*. Followed this road to the State Highway which runs thro the middle of the swamp & then back to depot by road at 6.06 & Madville at 6.34 — *Aralia hispida*, *Aster linearifolius*, *Hesperis matronalis* on the roadside coming back to station also *Malva moschata*: and in swamp *Syringia procumbens* & *Fraxinus* *viridis* *viridis*. On dry land by swamp *Lycopodium obscurum* *Barbarea* *hirsuta*, *Lupinus* *spicata*

*Lycopodium obscurum* & ac from this

*Nyssa splendens* & *aulacocarpus* ~~salicifolia~~ *propolycephala*  
from this swamp.

to a dense grove of *Rhododendrons*,  
quite like a Florida mangrove patch.  
The trail is much worn & easily  
followed & broken limbs and  
flowers of the *Rhododendron* were  
quite in evidence on the path.  
We found some few *Ossas*  
but they were mostly gone.  
We went quite across the swamp  
by this trail & then back again.  
Found *Microstylis oblongoides*,  
just beyond the *Rhododendrons*  
on the trail. Came back &  
followed the edge of swamp on dry  
hillsides to a thugle mill at  
end of road near this got  
*Eurhachma trifolium*. Followed  
this road to the State Highway  
which runs thro the middle of  
the swamp & then back to depot  
by road at 6.06 & Madville at  
6.34 - *Aralia hispida*, *Aster*  
*linearifolius*, *Hesperis matronalis* on  
the roadside coming back to station  
also *Malva moschata*: and in  
swamp *Syringia procumbens* &  
*Fraxinus* *Drosera rotundifolia*. On  
dry land by swamp *Syringium obtusum*  
*Bartonia hirsuta*, *Lobelia spicata*

*Theranthus gracilis*, *Carex Muhlbergii*  
*Carex alabamica*; and in the  
Swamp *Ilex laevis*, *Vacc. corym-*  
*bosum* *var. aboccum* this at end of  
the path thro' the *Rhododendrons*,  
*Lonicera caerulea* near the beginning  
of same path, also *Brachyelytrum*  
*aristatum* & *Tunga Canadensis* fruit,  
and in the swamp *Scutellaria*  
*lateriflora* & *Aspidum Novaeboracum*,  
*Thelypteris* & *Simulacrum* all together.  
on dry field *Carex brevior*.

21 July

Drove to Randolph Township near  
corner of Rutledge Road & got  
news, etc. of *Asplenium*, *Asplenium*  
that Churchill told me of yesterday.

22 July.

Seiwaite

NEWK & I went to see Edith at North  
Seiwaite fr. East Milton at 8.42 &  
returning home at 5. Walked before  
dinner Northwards fr. the house &  
beyond the cottages N. of the house  
following the shore line of the tidal  
bay. Got *Scirpus maritimus* the  
large form, with bristles much  
shorter than *Akrone*: small form  
also there. *Raphanus* *Raphanistrum*  
at edge of salt meadow. *Thalictrum*  
*Canadense*, *Panaceum* *virginicum*  
was the grass I did not know July 3?

*Statice limonium* var *Caroliniana*, *Gerardia*  
*maritima*, *Portula maritima*, *Lilium*  
*philadelphicum*, *Panicum clandestinum*  
 long small & dark green, *Lathyrus*  
*maritimus*, *Cakile americana*, *Bidens*  
*maritima*, *Anagallis arvensis*, *Atriplex*  
*arcanum* & *patulum* var *hastata*.  
 A very large long awned four sided  
*Egropispermum glaucum*, *Solidago*  
*serotina*, *Desmodium Canadense*,  
*Convolvulus sepium* & *repens*, the  
 last a novelty to me & not in  
 the Mass. lists. *Cephalanthus*  
*occidentalis*, *Elychnia obliqua*  
 & a slenderer one perhaps *jejeuna*.  
*Cyperus strigosus* & *Hypericum humilium*  
*Plantago major* at edge of salt water  
 very hairy on peduncle, & with stout  
 retuse rootstock.

July 29

Purgatory.

Drove with Kelly the Fox Sparrow path  
 to Green Edge Road, to Washburns Grove  
 Road to Deham Road to Purgatory.

*Habenaria psychodes*, *agrimonia*  
*hirsuta*, *Lespedeza polystachya*,  
*Polygonum crispum*, *Desmodium illinoense*,  
*Habenaria frondosa*, *Barbarea tenuifolia*,  
*Circaea lutea*, *Carex physodes*,  
 & a small *Carex gracillima* or cross of  
 some kind, *Lygodesmus obscurus*,

*Geranium album*; ripe fruit of *Achillea*  
*rubra*, *Pyrola secunda*, *Lysichiton* in  
 ripe fruit, *Carex acutifolia*,  
*Hypericum maculatum*, *Lechea*  
*intermedia*, *Clethra alnifolia*,  
*Scirpus eriophorum* var. *cyperinus*,  
*Sycopus Virginicus*, *Agrostis perennans*,  
*Monotropa hypopitys*, *Chamaecha*  
*maculata* & *Corallorhiza nudiflora*.  
 The *Sycop. obscurum* has its leaves in  
 3's and every alternate set of 3 has  
 one very small leaf always on  
 dorsal side.

31 July  
 Monday

Ther 60° at 7 AM. Took William &  
 walked up Blue Hill down So side  
 thro Woodcat notch to Reser. Road &  
 so home. *Sarcocarpus Solidaginis*,  
*Kernia paniculata*, *Carex*  
*costellata*, *Quercus prinoides*,  
*Linum Virginicum*, *Pyrola*  
*incana*, *linifolia*, *Bromus ciliatus*,  
*Desmodium nudiflorum*, *Eupatorium*  
*purpureum* in dry soil. *Rubus*  
*obovatus*, *Aster macrophyllus* or some form  
 of it. *Panicum agrostoides* growing  
 in dried up pond hole in Woodcat  
 notch, *Viola maculata* with  
*chrysogonum* & *Hydrophyllum americanum*  
 by damp brook before going to notch.

1899

49

Aug 2.

Kal & I to North Scituate. Near the RR station *Mouardia didyma*, *Osmorhiza longistylis*, *Notica gracilis*. On roadside soil. escaped specimens down to four inches high of *Papaver somniferum*. At shore *Trachyspermum*, *Salsola Kali*, *Polyg. Pennsylvanicum*.

Aug 3

Drove with A. H. Jr up through Aben-terupike - thro' road to Indian Lane & back by Canton water works - Kenupike. Fine *Polygonum Carey* at water works. *Carex bulboides* & narrow *Scoparia*. *Gerardia purpurea*, *Elaeagnus virginica*, *Antennaria autumnalis*, *Psidium*, *Scirpus* in wet meadow on the Kenupike. *Salicaria* *apua* —

5 Aug

with Kelly to Purgatory to get the specimens from July 29. Found some specimens not much more grown than a week ago. Also found many *Antennaria autumnalis* flowers with very hairy thistles. *Lepidoglossum* *intermedia* *Cyperus filifolius*.







the day before - ...  
I went to ...  
...  
...

14 Aug

Spent with the ...  
thought me ...  
...  
...

15 Aug

Had a ...  
...

16 Aug

At home ...  
...  
...  
...

17 Aug

Had a ...  
...  
...  
...

18 Aug

At home ...  
...  
...  
...  
...  
...  
...  
...

in the garden. Bar. rose about 10° all day  
in the shade of *Androsia tomentosa*,  
got some ripe seeds. Evening the mail  
brought me home letters forwarded by  
Hal, three envelopes of Alaska mosses fr.  
Mrs. Mary S. Pierce.

20 Aug  
Thursday

Spent all day laying out & sorting the  
Alaska mosses. There were 27 diff.  
species, *Tetraplodon nemorosus*, & a *Bar-*  
*tramia* in fruit *Mob. pomiformis*, & a  
*Hypnum fergescens*, with *Dicranum* &  
*Polytrichum*, & *Hypnum splendens*. Evening  
wrote Mrs. Britton & Dr. Farlow

21 Aug  
Friday

Fog today after much pleasant weather.  
Near Spring at Grief Lake found *Atrebin*  
*angustatum* and near of *Hypnum*  
*Saliciforme*?

PM called at  
the Bowditch near Life Saving Station

P.E. fog all day. Evening Capt. H. E. <sup>pass.</sup>  
H. E. fog all day. Evening Capt. H. E. <sup>pass.</sup>

23 Aug

N.E. fog & rain. Mr. Smith with the Glen Esk  
did not sail on acc. of the weather. Evening  
Joe Smith over here. I began Prairie of the <sup>Pass.</sup> *Caribou*

27 Aug

Rain & fog. Am. Joe Smith & I walked to  
River H. all the day.

28 Aug

Clearer this morning. Mrs. Warrage  
called & we saw them off by the Hockley  
Boat. The Glen Esk sailed at noon to  
carry magazines to the light house on  
the Maine coast. PM Golf.

1899

Fortunio Rocks.

26 Aug  
Sat.

We walked almost to Fortunio Rocks  
& around the Pond there & to other water  
& from by Highway & woods. Very  
beautiful clear day. (Gynerium, *Mitella*  
& dianthus, Potamogeton, *obtusifolius*,  
*Lytium* *hyssopifolius*, *Sanicula* -  
*Eriogonum* Several mosses.  
wonderful fine stars & coral

27 Aug  
Sunday

and my narrower came in one day  
with her bowshot gone in collision  
with a fisherman. We walked on  
the moors & beaches back of Fern Bank  
opp Wood Island, saw several new shore  
birds & brought back a moss from under  
sloping rock near one of the marshy  
spots in pasture.

very wonderful very sunset reflected in  
the Bay with Mt Washington a dark blue

28 Aug  
Monday

We called on the Browns. There  
are Golf Field & pasture beyond: got more  
of yesterday. *Luzula* Red cross, also  
*Bartonia* *pumila*, *Polygonum*  
*erectum* & other forms & *Kanthon*  
*americanum* very many & a large loose  
leaved *Hyssopus* *cotulifolius* in the black  
mud at the Bay.

29 Aug  
Tuesday

Am Sat. with Mr. F. Am in town to  
Bridle in Rock Beach & back. Fine  
cane at fair below - one & one  
home by day.

30 Aug

Very more & less all day. We played Golf & worked on mosses from Joe Smith for Boothbay & Islands of coast. At noon dined at the Smiths.

31 Aug

Went sailing in Am. & with his mother also in Am. I played Golf in Am with Mullie Head. I did 18 holes in 31.32.33. The Capt Fletcher drove me to Curtis Cove across the 40 or 50 acres of Red Spruce trees: at Curtis Cove where we saw Her father & his sister Mrs. Murray. Got a few mosses & *Pareuricoides* & *Lake* found. Saw by the road side one *Pinus resinosa*. Among the mosses from under a large rock was a curious *Bryum* fructed *Atrichum nuttallianum*.

Hipt.  
Friday.

Am at work on yesterdays plants & mosses. Got also *Species* of *Strophoclytus angulosa*. Pm Golf.

16

It was found under large rock in the prominent loose mass, & I thought it a *Caro* *Fissidens*, before I gathered it. We did not explore more than the southerly  $\frac{1}{3}$  of the wood & the place was near the centre-train sea to pasture wall & on So. side of one of the damp hollows of the wood. The Ray plant is in the wood, but in the full of rock substance.

1891

2<sup>nd</sup> Sept Rained all day. I worked on various  
flat mosses & made out my odd one from  
the Spruce woods to be *Mnium orchostachyum*  
or something near it.

3<sup>rd</sup> Sept Sunday All packing up my boxes in  
preparation for home. P.M. we all went in Beck-  
board to the Curtis house at Little River  
Beck & worked in the Spruce woods  
there. *Barbonia tenella* in the  
pasture near: on our way out -  
we went up on Hoy's Beck to find  
the pond laid down in the map. Did  
not find so large a pond, but in a  
damp meadow place got a *Proserpinaca*  
& in a pond hole in the hill side  
where granite was formerly quarried  
got a *Myriophyllum* & other water  
plants & mosses. Also on the  
shore got the very small *Plantago*  
major with prostrate flower stalks  
laid down underneath the leaves  
that grew at Tadousac. Came  
home at six before a mild thunder  
storm arrived. The above notes are from  
a notebook found in the collection of  
submerged vegetation. & in July 1891  
at Fortunate Rocks *Paraphysalis* &  
*Paraphysalis*

1899

157

4 Sept  
Monday  
5 Sept

Clear cold day. NW wind. worked  
on yesterday's mosses & things.  
Left Reddford Pool 7.30. Reddford  
8.17 & arr. Boston 1.10

Willoughby Mt

12 Sept

NW & I left Boston 9. AM & arr.  
West Burke 3.50. George met us  
with team. Travel by horse & line  
all cut off.

13 Sept

Mrs. Carbee autolohed Locke from  
Haverhill N H Hill & I spent the  
morning with them getting speci-  
mens of trees & shrubs for him to  
cut for microscopic slides. They  
went home in the afternoon &  
as Mrs. Muche had brought in  
some the Linton Road two species of  
what amounted for the other  
fraxin. Mr Skinner & I went  
out looking for it, but without  
success.

14 Sept.

Mr Skinner & I went again on  
the Linton Road but did not  
find the fraxin, got Cornus  
& a few mosses. Cold raw day,  
we dug the wet path to the  
upper cornus place, found  
a few plants but no flower.

1897

Friday  
Sept 5

Brought back mosses & Infusorians.  
 Went to the water over the Tunnel  
 Pond with Mr. H. & Mr. W. to see  
 the last part of the trail. A new line  
 path which Mr. H. has been  
 over six times this summer.  
 It passes thro two cedar swamps  
 in which the Alyssa might be  
 to. Got fine brick & Phloxes  
 & Cyphodendrum acule. Also  
 Rosa nitida, a bush on  
 each side of the road in  
 a swamp. Picked a smaller  
 grassy pond like the  
 place shortly before the  
 Tunnel Pond. A very fine  
 walk in a most beautiful  
 morning. Got back at 3 P.M.  
 Took one from the pond.

16 Sept

With Mr. H. & Mr. W. to a walk in the  
 new to open Tunnel, we saw in  
 little Green Swamp & then to much  
 clear we went then again to the  
 dinner & said well S. B. R. Found  
 small mosses, Infusorians, & some  
 others.

17 Sept  
Sunday

Went with Mr. H. & Mr. W. to a walk in the  
 little Green Swamp & then to much  
 clear we went then again to the  
 dinner & said well S. B. R. Found  
 small mosses, Infusorians, & some  
 others.





1100 1899. Chocoma.

Sept 23  
Saturday.

A beautiful rosy tint on Mt Chocoma at sunrise, and a very fine day followed. Had I walked to the farm cottage back. Ranunculus in full flower. Aster latifolius var. verticillata, and fine grass & Pines resinosa. Crataegus coccinea & Quercus laevis folia rubra. Pm. Mr. & Mrs. Skinner & I with Mr. Robertson as driver went abt 20 miles, across bridge at Lake past Dr. Engelmann's house to Swift River valley seeing Mr. Skinner's house on distant sky line thro' Jamnorch Village & by Prof. Fay's house near by. Skinner with Mr. R. said Prof. Fay called a corn plant abt here.

24 Sept  
Sunday

Mr. Skinner called us before sunrise to see the rosy glow on Chocoma which was wonderful & a red bow in the west of an arc of abt 160° not prismatic, but bright rosy red. I never saw so beautiful a picture & the vivid dark green of the near grass was peculiar. Our windows faced North & also West - we had an marvellous vision of beauty. The

sun soon clouded over and the hill faded from mountain sky. The day was cloudy & constant threatening rain. Mr S & I walked up the road 3 miles thro the James woods. Under a large rock by roadside in woods a new tubed with very silky hairs. PM at home.

25 Sept cloudy day. Mr S & I abt the lake in a boat. Aster nemoralis & Rhodora, & Viburnum cassinoides & Ilex laevigata. The beach lined with seedling Red Maples. PM. Mr S & I called on Horace Scudder. Rain all day.

26 Sept  
27 Sept Fine & clear. Drove to Mr. Salters & to ledge behind his house. Selaginella rupestris. PM walked up road towards Dr Chadwick. Buxbaumia aphylla & Diplopium by roadside. An Ixodes washed up on lake shore. Beautiful view fr the Scudder Boat Landing.

28 Sept. Left West Ossipee 11.13 AM in Boston 3.20.

# PROPOSAL

1899. 10.11. With K.K. & D.H. at Newbury. **Boston** 12.30  
arr. West Ossipee 5.10. Hotel 6.15

1899. 10.12. Spent morning on lake going in two  
boats to the end & walking to James  
House & brook. P.M. we drove to the  
Salter's place. Found a curious Blue  
Spruce by the roadside beyond the  
house where we required the way. Prob-  
ably not a *Picea alba* but with very  
short glaucous leaves & small cone.  
Took also some cones & leaves from  
Red Spruce on Salter's ledge.

1899. 10.13 This has been another lovely beautiful  
day like yesterday. We left at 8 o'clock  
& drove to Auntie's farm on the Sandwich  
& Tannworth line, almost to the White  
Snaker meeting house. Coming back  
on Stevenson Hill a *Sassafras* tree  
abt 25 ft high, which I found was  
set out 35 years ago & from some  
introduced trees growing on the Marsh  
place, wh. I believe is in Sandwich.  
We reached home at one. P.M.  
we went down to the brook opp. the  
house & I found several mosses:  
*Fontinalis nitens* in brook: *Fissidens*  
by root of an ash & a *protuberans* with  
same soil archidium looking moss on it.  
also *hylocomium dendroideum*.



## Mount Mansfield, Stowe, Vt.

**N**O more delightful resort in the New England States, nor one of more interesting and attractive features can be found than this, the highest peak of the Green Mountain Range, towering as it does 4,457 feet above the level of the sea.

There are three routes by which you can reach the summit of Mt. Mansfield. One via Stowe on the east side, one via Underhill on the west side of the mountain and one via Jeffersonville.

Round trip tickets at greatly reduced rates for sale at nearly all principal points for Stowe, which may be reached either by the Central Vermont or St. Johnsbury & Lake Champlain railroads. If by the former, you will leave it at Waterbury and take the electric cars for Stowe, passing through some of the finest and grandest scenery in New England. If you go by the St. Johnsbury & Lake Champlain railroad, you will leave it at Morrisville, Vt., station, eight miles from Stowe, or at Jeffersonville, thirteen miles, by a new and easy road through Smuggler's Notch from the foot of the mountain on the east side. The St. J. and L. C. road passes to and from Portland, White Mountains, Morrisville, St. Johnsbury, Burlington and Ogdensburg. Stages from Stowe connect with trains at Morrisville morning and afternoon. Tourists having choice of routes, will have a better variety of views to and from this charming region by taking one route to reach Stowe and another on their return.

Parties wishing to visit Stowe or the mountain from Morrisville by private conveyance should communicate or apply to the large livery establishment of H. H. Hardy, Morrisville, or should they wish to remain over at Morrisville, they will find the Hotel Randall a perfect hotel in every respect. The Green Mountain Inn at Stowe, M. C. Lovejoy proprietor, is a place where travelers can rest, assured of getting the best of care and attention before making the ascent of the mountain. Visitors will find the Melendy House at Jeffersonville a pleasant hotel, well kept by I. H. Melendy.

### From Stowe to the Summit House

is ten miles over a good carriage road and it is directly after leaving the village that the finest view is had of old Mt. Mansfield in all its hoary grandeur. The mountain appears of peculiar shape. By an exercise of the imagination, the outline of its summits can be made to resemble the human face, turned upward to the sky. The north peak resembles the Chin, the middle the Nose, and the southern the Forehead. The Chin, the highest summit is 4,457 feet above the sea level, and is the highest of the whole Green Mountain range. It is 3,909 feet above the village of Stowe and 340 feet above the middle peak, or the Nose, which is 160 feet above the southern peak, the Forehead.

### From Underhill to the Summit of Mt. Mansfield

is seven miles, and is by far the least expensive as well as the quickest way of reaching the Summit. Leaving the main line of the Central Vermont at Essex Junction, a short ride on the Burlington and Lamoille railroad of twelve miles brings the tourist to Underhill, where Mr. Lincoln, proprietor

of the Custer House at Underhill, has livery in waiting at the station to convey passengers in any numbers to the Half-Way House, a distance of five and one-half miles. From the Half-Way House to the Summit is one and one-half miles over a good mountain trail or path.

### **The Summit House.**

The main part of the house, which contains the reception room and office, as well as the sleeping rooms, is 30 by 50 feet, with an ell 24 by 40 feet, which contains the dining room, while the kitchen is still further in the rear. The house is neatly and thoroughly finished and furnished, and is quite as comfortable, if not more so, than many larger hotels nearer sea level. This popular house is very finely situated near the summit of the mountain and commands a fine view of the valley of the Lamoille, towards the north the wooded side of Mt. Mansfield being visible to its very base, with no intervening summit to obstruct the vision, the scene being closed in on the east by the White Mountain range. Directly over the Summit House towers the Nose. Its ascent is made by a rough path on the western side, much resembling a flight of stairs. The northern side presents a steep and precipitous descent, down which you may look from the summit at least 500 feet. It is but a short walk from the hotel to the Nose. To ascend the Chin requires more time, though the journey is less fatiguing. It is distant a mile and a half from the Summit House. As it is some 300 feet higher than the Nose it consequently commands a more extended view. The scene that is spread out before the eye on either of the summits is gorgeous and beautiful in the extreme. The view for a hundred miles in any direction is nearly unobstructed. From the Chin you may also look down into Smuggler's Notch and even descend into it, if you have the time and necessary pluck. At the base of the Chin on the north side is a charming little pond called "Lake of the Clouds." Also to the right of the path leading to the Chin is Ice Cave, Rock of Terror, etc. To make this excursion to the Chin, without being hurried, a night should be spent on the mountain.

Persons recovering from a long sickness, or who are in poor health, will soon be restored by a short sojourn at the Summit House. Nearly the entire top of the mountain is covered by the fir balsam, which impregnates the atmosphere with its resinous odors.

Wear loose-fitting garments and thick boots; if to remain over night, a thick shawl, overcoat, rubbers, water-proof. In fact, dress for comfort and not for show.

The rates for board at the Summit House have been reduced from \$4.00 to \$2.00 a day. Meals, 50 cents. Lodging, 50 cents. A limited number of weekly boarders taken at \$12.00 a week.

### **Toll on Mountain Road from East or Stowe Side.**

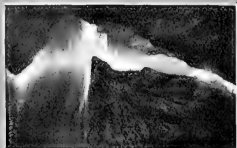
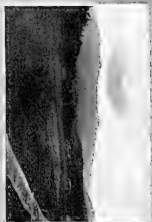
Saddle horses, 25 cts.; single teams, 50 cts.; two horse teams, \$1.00; four horse teams, \$1.50; six horse teams \$2.00; stage fare (round trip), \$1.50. STABLE RATES.—Use of barn and feed, 50 cts.; use of barn, 25 cts. per horse. For any other information required, please address

**W. M. ADAMS, Stowe, Vt.**

1897 10 14

-1-

CLASH, MONGLEN FALLS.

DOWN THE MOUNTAIN FROM SKMIT HOUSE.  
MT. MANSFIELD FROM VALLEY, STOWE, VT.

BRIDLE FALLS, BELOW NOTCH

1897-10 (1)  
Friday

11/10/14 Sat 10. Clear, 55. Wind at 2.40 - Home.



1897/10 14 Another warm day. From road at  
 Boulder, we took the road to  
 the lake, then across the lake  
 to the house. The lake was very  
 calm. The water was very clear.  
 The sky was very blue. The sun  
 was very bright. The air was very  
 warm. The water was very calm.

PM we went to Boulder Lake  
 path to Chadwick Road. Found  
 the hybrid *Salix glauca* *Salix*  
 then to lake & rowed around till  
 1 o'clock. Then it was 75° -  
 80° PM. We walked to the  
 shore house ridge by Lakeview  
 corner in the moonlight, between  
 7:30 & 9:30 PM.

1897/10 (15) Another warm but clearer day. Then  
 Sunday 7<sup>th</sup> at 5 PM. From 2m to Mount  
 Fall: worth seeing; some good moss  
 territory rhubarbs. & beautiful tree  
 ferns. 10 falls. *Polytrichum commune*  
 into golden *Salix*. *Salix* *Salix*  
 PM followed water hike. House to old  
 house. S. house. On Boulder found a  
 brown belt of *Protonema* with bird like  
 moss plants growing from them. From 4-5  
 we all went to Brook off house. Every half  
 mile we had a picnic.

1897/10 16 Left 11 AM. 7:58. Brook at 12:41 & home

1900/1/8

M. L. Fernald here & ex. the toll genus  
of yellowish plants, *Agromonia*,  
*Rubus*, *Carex*, *Aster*, and all  
my Biddeford Pool plants, and  
also all my Caries for stations  
for the new index.

1900/3/10

Warm bright day Ther 45°. walked in Kenn  
way land by meadows & on the dry  
hills: *Goodyena pubescens* & *Chimaphila*  
*umbellata* in old fads: *Pyrola*  
*rotundifolia* with very large evergreen  
leaf.

1900/3/11  
Sunday

Ther 20° this morning. with S.K. & M.K. had  
you drive us to Chicatawbut Reser. Road on  
Randolph Township & we walked to the  
summit & down S.W. side to Park's Brook  
& out by path, & to Randolph Ave &  
Hoosier Pond by the footpath near Brook  
most of the way, & then down to  
*Lycopodium* & *Adiantum* & *Polypodium*.

1900/3/26  
Monday  
Wapole.

With Chas Taxon by 8.31 train to Wapole,  
walked down RR to Slate quarry,  
found Mr Robbins wood cutting. He  
showed us the various manipulation  
of the slate as he polished it for  
curriers use. Found the *Rhododendron*  
path very easily for two paths or  
corduroy sled roads had been laid  
to get out cedar logs. I got

Some very good flowering buds: then  
 we walked along various wood roads  
 avoiding the thickets & came out by  
 Fisher's cranberry bog where a man  
 evidently a Scandinavian was cutting  
 wood, when we were near the State  
 Highway we skirted along between it  
 & swamp & came out by entrance to  
 the Shingle mill stall. That wood  
 road into the mill. On the State  
 Highway we walked thro' the  
 swamps & to top of rising hill  
 beyond. Then back to Coe's pole  
 & took Electric to Harvard Sedham  
 Hyde Park. Saw Tree Sparrow,  
 Peewee Song Sparrow, Fox Sparrow,  
 Cedar bird, Crows, Chickadees,  
 Juncos,  
 Got *Kalmia latifolia* for winter bud,  
*Baccharis californica* —,  
*Artemisia* — ? attenuata  
*Hypericum inopense*, very much like  
*cylindraceum*, but growing in shadier  
 places known by its red stem.  
*Sieridium unilatum* and a curious  
*Weissia* moss from the stone quarry.  
 leaves porose upper ~~low~~ cells long  
 rectangular much like the lower cells.

1900/4/8

Sunday.

with H.K. & Maynard Ladd by East River  
to Crossmans Pines: *Dicranella heteromalla*  
*Hypnum trisetrum* in fruit, a patch  
on dry hillside E of Pines: then we  
went across brook & by Crossmans house  
& down his road to quarry, just before  
followed westerly the little brook &  
rocky cliffs with pine forest & *Berberis*  
*Lacina* *fulva* & *repens*: came  
out opp. Atterdon St then into the  
Hunt place where on the rocky knave  
or ridge found fl. *Hepatica triloba*  
as told. Brought three spec down.  
On a submerged rock in Crossmans Brook  
before you get down to the Pines a *Hypnum*  
wh. I think is *H. salustre* Bry.

1900/4/15

Easter  
Sunday

19  
Fine warm day. Emil Millianes came  
out on \$15 with Hal & Maynard Ladd  
we walked thro the Reservation roads  
to Ponkapog & Duck Ponds thence by  
the Camp Horae Angliae place. Close to  
Duck pond found *Kalmia latifolia*  
met a Mr Dodge of Dorchester an  
Appalachian Clubman who walked  
with us from Ponkapog to Duck Pond &  
back to the old Houghton house site.

Halifax.

1908/4/25

Left Boston 8.43 for Halifax with Mrs. I. arr. abt 10, walked to the Holmes house - Kattie had gone to No. Abington: had our lunch near cemetery & walked back to station, arr. Boston 5.17. on path near Big Pond found some wood but not plenty *Spizaea repens*. also *Potentilla pumila* in flower & *Canadensis* & *anserina* in leaf. *Tox umbellata* in fruit & *Phlox subulata* by roadside in flower & *Cassandra calyculata*, *Antennaria*; & *Hyssopus perforatum* with very vigorous basal shoots. at hole at base of a figure *Brachyotum villosum* in fine fruit.

1908/4/29  
Sunday.

Drove with H.W.K. to the Bloodroot pasture in Canton; found the flowers in perfect condition & brought home a dozen for our dinner table. also the *Potentilla pumila* very plenty. A woodchuck at his hole viewed me complacently until I was within 30 feet of him, when he slowly went into his abode & stopped at the door to look at me, remaining quiet till - was about 20 feet away when he retreated & did not come up again while we were in the neighborhood.

West  
Lebanon NH

1900/5/8 Left Boston with truck at 11,30 & arr White  
River Junction at 4. Mr Gibbs drove us up to  
F. E. Alden's.

1900/5/9 Walked in am in Cemetery & to Creek  
Round round by River Road to pasture  
& home by Cow gate. Many flowers out.  
The *Asarum* on Clay bank of Creek road  
has reflexed sepals & is very hairy, the  
one on Creek road is in dryer woods,  
sepals not reflexed & whole plant less  
hairy. *Claytonia Caroliniana* is glen  
on River Road, never collected it in Lebanon  
before. *Luzula veruialis* is full flower  
very plenty everywhere & on River  
Road a form with scarcely exerted  
umbel & wider bracts. *Ranunculus*  
*allypauensis* plenty on bank at River Road  
& *Doa Humboldtii* oblonga. *Dirca*  
*palustris* by RR bridge on rocky shore,  
*Trillium erectum* in flower and *Hepatica*  
everywhere: a few late blossoms of  
*Ehigaea*, and a small bush *Carpinus*.  
*Camp pedunculata*, *Sanguinaria*, *Erythronium*,  
*Oakesia sessilifolia*, *Malosternia*, *Ribes*  
*prostratum*,

One drove with truck on the Pine Plain Road -  
and just this side of Deer Brook is a fine  
*resinosa*, the first I ever saw in  
Lebanon.

1900 5, 10  
Thursday

Ther 28° at early morning, but not so hot in day.

only walked below 12 & 1 up in the Cemetery & down to the Spring & down by the Cemetery road. PM went into cow pasture & into the Haddock land beyond: got two or three violets & some fine *Epigaea*, & a striking *Hepatica* of the *marilandica* sort. The deep glens & woods on the Haddock place were full of birds, - *Gov Wilsons Thrush* & *Peabody Bird*, & the *Black-throated Blue Warbler* has been eating hanging meat by the sitting room window at all hours today. The *Red-bellied Nuthatch* very plenty in pasture.

1900/5/11

Came home on the noon train.

no 1900/

# Echoes of the Sea.

May 22. with Melara K & Chas E. Texan fr. Boston  
1 PM: arr New York Co. M.K. with Mrs  
Mrs Frothingham to dinner & I with C. E. F. to  
Harvard Club & dined with Celley Co.  
met Millie at ferry & we took the train.

May 23 arr Richmond Va at 8.40 & slight  
Wednesday breakfast in station & by fast train  
at 9 to Norfolk arr 11.25. Day warm  
& still. PM Mrs Texan & I tried the  
Electric cars & finally by chance  
reached the Golf Club grounds where  
Millie had gone with Mrs Miss Rice.  
fronds of Florence Barrow. Saw mocking  
birds, Orchard Oriole & Carolina Wren.  
got a Leskea & Chelodichum off the  
trees by Club House. Home to dinner at  
6.30 & Millie came at 10. Thermometer  
said to have been 90° today -

May 24 Rain & high wind. We took 10.30  
express to Virginia Beach & arrived in  
a gale. The surf & storm are  
heavy enough. We are close on the  
shore at the Princess Anne Hotel,  
the storm continued all day.

May 25 Raining but little is seen & C. E. F.

& the rain began again & lasted  
all day long.



May 26  
Friday  
Saturday

Spore not wholly over, but the taxon of  
toile guide a walk I with my Rubber  
house on the ... ..

May 27  
Sunday

SEPTEMBER 1922						
S	M	T	W	T	F	S
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10	11	12	13	14	15	16
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OCTOBER 1922						
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NOVEMBER 1922						
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OCTOBER  
**29**  
SUNDAY

REED & CARNRICK  
JERSEY CITY, N. J.

PEPTENZYME  
PROTONUCLEIN  
PANCROBILIN  
TROPHONINE  
NEPHRITIN

May 28  
Monday

OCTOBER  
**30**  
MONDAY

A PROMPT AND EFFICIENT DIURETIC

OCTOBER  
**31**  
TUESDAY

IN "SUPPRESSION OF URINE";

NOVEMBER  
**1**  
WEDNESDAY

N.E.P.H.R.I.T.I.N TRIED AND TRUE.

Mr. Frank ... ..  
New ... ..  
Montfield Hotel.

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May 26  
Friday.  
Saturday.

Storm not wholly over, but Mr. Foxon & I  
took quite a walk with my Rubber  
boots on. The wind was still &

May 28. 1900

May 2  
Sunday

May 2  
Monday

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Mr. L. had a garden boat at his  
Merrill Mallin Co. & T. J. in the  
Merrill to Lake.

May 26  
Friday  
Saturday

Storm not wholly over, but Mr. Fox & I took quite a walk I with my Rubber poucho on. *Carex vulpinoidea* & *xanthophylla*, *Ilex opaca* in full flower. *Kudrussia tomentosa*, & many birds.

May 27  
Sunday

Sun shone very brilliant this morning. We had a walk to R.R. road home. Reddish long eared owl & chats & other birds, a few crows. Rm. Hal C. E. F. & I down the Beach for two miles. Geo Brackett here.

May 28  
Monday

Day very brilliant & cloudless. at 7 AM we walked south of the house two miles down the beach & on a bluff say 50 ft elevation saw the Eclipse. Mercury & Venus shining & the Corona silver. a Brown Thrush sat on a bush 10 ft away as if watching to see what the darkness meant. We saw the weevil & larvae under an *Ilex opaca* tree thrown in the white sand very plainly. Left the Beach & Rm. north of Hal took Boston Boat & by 5 PM met Mr. & Mrs. C. E. F. & I in the Montfield Hotel.

1900

May 29  
Tuesday

By James River Boat to Richmond.  
unintentionally said as the wide  
stretches of water give no land view.  
Left at 7 am arr at 5.00 PM  
more than 2 hours late.

May 30

Willie & Ned I to New York + to Oct  
at 10.30 to the Natural Bridge:  
arr. station at 5.20 + walked  
down to the Bridge before supper.

May 31

Spent the morning at Bridge  
- Glen Path: Rough-winged  
swallows nesting in holes  
under the Bridge. Got abt  
a dozen crosses & among  
them a Titmouse (c) which  
I never gathered before.  
Left Natural Bridge 3.15 by  
Shenandoah valley route -  
without change of sleeper  
arr New York 7 am  
June 1. Left N.Y. 9 am by Longland  
route home at 4.

## Amesbury, Mass

June 7  
Thursday

with R. H. True by 9 AM train to Newburyport & Amesbury, & by trolley car to J. W. Huntington's house arr. abt 11.30. after dinner walked with him in Swamp & woods: collected *Atrichum crispum*, sterile: *Plagiobesm latibractea* in good fruit, *Diebellyna capillaceum*, & *Dicranum viride* the latter with some fruit; *Hyssopus cypripediformis*, *populeum*, *Riccia*, *Hyssopus splendens*, *Dicranum longifolium*, *Hyssopus stellatum*, *Delacomium heterostichum*, *Hyssopus phytanthus*, var *serotinum* looks like *macrom*, *H. exannulatum*, and *Ceratodon purpureus* var *xanthopus*; home out 5.20.

with E. F. Williams, Collins & Providence & Bissell, & Rice to top of Blue Hill, & down other side: E. F. W. & Collins found each one plant of *Silene laevis*; we searched in vain for *Carex rostrata*; the ground was very dry & barren of all sorts of grasses. Collins showed me the young plants of *Silene* - *Sisymbrium*. I came home & found that there at Nova Anglia place. Yesterday saw the Botanical Club visit Sargent's place & Collins, Bissell & Rice were with Mr. Williams.

1910

## ord Pool - Maine

May 14 left Boston 7 am arr Bat 11.40 -  
drove to Pool.

" 20 Wednesday. Walked on West side of  
the road in marsh & meadow by  
Pool to Bridge & towards Fortune  
Rocks almost to first house.  
*Scirpus americanus*, *Scirpus* in fine  
flower. *Potamogeton amplifolius*,  
also *Hypericaceae* & *Carex* *silicea*  
*maritima*, *Sparganium angustifolium*  
*Gerardi* - *Balthasari* var. *altissimum*.  
Many forms of *Fragaria*  
*Achillea millefolium* in full flower  
in the sand & with many running  
rootstocks & new plants growing  
nearly, altogether. Diff. from 5' in the  
very hot day with strong West  
wind max. then 86° & above 88°  
from 8 am to 5 PM. The only walk I  
took was from 6 to 8 am over to the  
Point back. *Carex riparia* in  
the Golf Club marsh, & the *Crataegus*  
not far for little cemetery in flower.  
Nothing special on the wide stretch  
to the sea.

21 June  
Thursday

22 June  
Friday

Am not so warm as yesterday. Walked  
to the Pond by Hotel & back by the  
other road between railway & main  
beach. *Asplenium adnigrum* in the

flower by Lily Pond. *Carex coniosa*, & forms of *echinata*. PM we started for a drive & sat almost to Fortnum Rocks when thunder came & we turned about by first driving reached home with the first of the rain. Steady N.E. rain all PM & evening.

June 25  
Saturday

AM we drove to the woods by road back to Fortnum Rocks & were gone for 9-1. Nothing new.

*Rhynanthus Cristagalli* on roadside beyond Fortnum Rocks. Ther 57° 8 am 78° at 2 PM and 62° at 6 PM

June 25  
Saturday

on the rocks at Brauna House  
*Fritaria subscutaria* var. *mollis*.  
Left B Pool 3 o'clock & arr home 5.15





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